Open Source Used In Cisco SD-WAN Cloud OnRamp for Colocation 4.7.1

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* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/aspectj/AspectJPrecedenceInformation.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/aspectj/StaticMethodMatcherPointcutAdvisor.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/support/ScopedProxyFactoryBean.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/framework/adapter/ThrowsAdviceInterceptor.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/config/ConfigBeanDefinitionParser.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/aspectj/MethodInvocationProceedingJoinPoint.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/springframework/aop/config/ConfigBeanDefinitionParser.java
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* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/aopalliance/intercept/MethodInvocation.java
* /opt/cola/permits/1136375489_1613753039.4/0/spring-aop-5-2-6-release-sources-1-jar/org/aopalliance/intercept/ConstructorInterceptor.java
1.2 sqlite 3.7.17

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1.3 mime-pull 1.9.11
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* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/FactoryFinder.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/MIMEParsingException.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/UUDecoderStream.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/MIMEPart.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/MemoryData.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/BASE64DecoderStream.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/LineInputStream.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/QPDecoderStream.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/module-info.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/PropUtil.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/FinalArrayList.java
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* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/InternetHeaders.java
* /opt/cola/permits/1154617001_1618868470.77/0/mimepull-1-9-11-sources-2-jar/org/jvnet/mimepull/CleanUpExecutorFactory.java
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1.4 commons-beanutils 1.9.3

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static inline int license_is_gpl_compatible(const char *license)
{
    return (strcmp(license, "GPL") == 0
            || strcmp(license, "GPL v2") == 0
            || strcmp(license, "GPL and additional rights") == 0
            || strcmp(license, "Dual BSD/GPL") == 0
            || strcmp(license, "Dual MIT/GPL") == 0
            || strcmp(license, "Dual MPL/GPL") == 0);
}
#endif

/* 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
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* M. Welsh, 6 July 1996
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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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1.7 el-api 2.2

1.8 libproxy 0.4.11 11.el7

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1.11 simpleclient 0.7.0

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1.12 yum-metadata-parser 1.1.4-10.el7.centos

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1.13 docker-java 3.1.2

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* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
  jar/org/springframework/expression/common/TemplateParserContext.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
  jar/org/springframework/expression/ConstructorExecutor.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
  jar/org/springframework/expression/MethodResolver.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
  jar/org/springframework/expression/MethodExecutor.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
  jar/org/springframework/expression/ExpressionInvocationTargetException.java

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  */opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/spel/support/ReflectivePropertyAccessor.java
  */opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/spel/standard/SpelExpression.java
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  */opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/ExpressionParser.java
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* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/SpelCompilerMode.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/CompilablePropertyAccessor.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/standard/SpelExpressionParser.java

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* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/SpelParserConfiguration.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/Expression.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/standard/Token.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/support/StandardTypeLocator.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/spel/SpelParseException.java
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jar/org/springframework/expression/spel/AccessException.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-
jar/org/springframework/expression/OperatorOverloader.java
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* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/EvaluationException.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/ConstructorResolver.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/MethodFilter.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/TypeLocator.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1.jar/org/springframework/expression/spel/standard/TokenKind.java

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* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveMethodExecutor.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/ast/AstUtils.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/standard/SpelCompiler.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveMethodResolver.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/DataBindingMethodResolver.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/ExpressionException.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/SpelMessage.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/StandardOperatorOverloader.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/ExpressionParser.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/ReflectionHelper.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/StandardTypeConverter.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/spel/support/BooleanTypedValue.java
* /opt/cola/permits/1136375549_1613753111.25/0/spring-expression-5-2-6-release-sources-1-jar/org/springframework/expression/common/TemplateAwareExpressionParser.java
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1.17 audit 2.8.1 3.el7

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1.21 slf4j 1.7.30

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1.23 libedit 3.0 12.20121213cvs.el7

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1.24 coverage 3.6b3

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Metadata-Version: 1.1
Name: coverage
Version: 3.6b3
Summary: Code coverage measurement for Python
Home-page: http://nedbatchelder.com/code/coverage/3.6b3
Author: Ned Batchelder and others
Author-email: ned@nedbatchelder.com
License: BSD
Description: Coverage.py measures code coverage, typically during test execution. It uses
the code analysis tools and tracing hooks provided in the Python standard
library to determine which lines are executable, and which have been executed.

Coverage.py runs on Pythons 2.3 through 3.3, and PyPy 1.9.

Documentation is at `nedbatchelder.com <http://nedbatchelder.com/code/coverage/3.6b3>`_. Code repository
and issue
tracker are at `bitbucket.org <http://bitbucket.org/ned/coveragepy>`_.

New in 3.6: `--fail-under`, and >20 bugs closed.

New in 3.5: Branch coverage exclusions, keyboard shortcuts in HTML report.

New in 3.4: Better control over source to measure, and unexecuted files
can be reported.

New in 3.3: .coveragerc files.

New in 3.2: Branch coverage!
Keywords: code coverage testing
Platform: UNKNOWN
Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 3
Classifier: Topic :: Software Development :: Quality Assurance
Classifier: Topic :: Software Development :: Testing
Classifier: Development Status :: 4 - Beta
Found in path(s):
* /opt/cola/permits/1154616852_1618867912.55/0/coverage-3.6b3-tar-gz/coverage-3.6b3/coverage.egg-info/PKG-INFO
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* Includes Sizzle.js
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* 
* Date: Thu Oct 14 23:10:06 2010 -0400
*/

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* /opt/cola/permits/1154616852_1618867912.55/0/coverage-3.6b3-tar-gz/coverage-3.6b3/coverage/htmlfiles/jquery-1.4.3.min.js
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* Date: 5/15/2008
* @projectDescription Advanced and extensible data dumping for Javascript.
* @version 1.0.0
* @author Ariel Flesler
* @link [http://flesler.blogspot.com/2008/05/jsdump-pretty-dump-of-any-javascript.html]
*/
/*
* Javascript Diff Algorithm
* By John Resig (http://ejohn.org/)
* Modified by Chu Alan "sprite"
*
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*
* More Info:
* http://ejohn.org/projects/javascript-diff-algorithm/
*
* Usage: QUnit.diff(expected, actual)
*
* QUnit.diff("the quick brown fox jumped over", "the quick fox jumps over") == "the quick <del>brown </del> fox
<del>jumped </del><ins>jumps </ins> over"
*/

Found in path(s):
* /opt/cola/permits/1154616852_1618867912.55/0/coverage-3-6b3-tar-gz/coverage-3.6b3/test/qunit/qunit.js

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* http://github.com/jquery/jquery-tmpl
* Requires jQuery 1.4.2
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* /opt/cola/permits/1154616852_1618867912.55/0/coverage-3-6b3-tar-gz/coverage-3.6b3/test/qunit/jquery.tmpl.min.js
1.25 libpwquality 1.2.3 5.el7

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* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c0f2bb5b6.

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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.

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* 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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* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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 */

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#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef_COMPAT_POLL_H_
typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

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

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

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
/* $Id: bsd-waitpid.h,v 1.5 2003/08/29 16:59:52 mouring Exp $ */

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*/

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

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

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

/* Prototype */
pid_t waitpid(int, int *, int);
#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

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#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
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#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREDUMP(w) (_W_INT(w)) & WCOREFLAG)
#define WCOREFLAG 0x80

/* Prototype */
pid_t waitpid(int, int *, int);
#endif /* HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

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

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

#ifndef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

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

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008

#if 0
    /* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#define POLLRDNORM 0x0040
    define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRBAND 0x0080
#define POLLWRBAND 0x0100
#endif

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

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
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int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif

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diff -up openssh-7.4p1/sftp-server.8.sftp-force-mode openssh-7.4p1/sftp-server.8
--- openssh-7.4p1/sftp-server.8.sftp-force-mode2016-12-19 05:59:41.000000000 +0100
+++ openssh-7.4p1/sftp-server.82017-02-09 10:35:41.926475399 +0100
@@ -38,6 +38,7 @@
 .Op Fl P Ar blacklisted_requests
Op Fl p Ar whitelisted_requests
Op Fl u Ar umask
+Op Fl m Ar force_file_perms
.Ek
.Nm
.Fl Q Ar protocol_feature
@@ -138,6 +139,10 @@ Sets an explicit
.Xr umask 2
to be applied to newly-created files and directories, instead of the
user's default mask.
+It Fl m Ar force_file_perms
+Sets explicit file permissions to be applied to newly-created files instead
+of the default or client requested mode. Numeric values include:
+777, 755, 750, 666, 644, 640, etc. Option -u is ineffective if -m is set.
.El
.Pp
On some systems,
diff -up openssh-7.4p1/sftp-server.c.sftp-force-mode openssh-7.4p1/sftp-server.c
--- openssh-7.4p1/sftp-server.c.sftp-force-mode 2017-02-09 10:22:36.498019921 +0100
+++ openssh-7.4p1/sftp-server.c 2017-02-09 10:35:07.190520959 +0100
@@ -65,6 +65,10 @@ struct sshbuf *oqueue;
 /* Version of client */
 static u_int version;

+/* Force file permissions */
+int permforce = 0;
+long permforcemode;
+
 /* SSH2_FXP_INIT received */
 static int init_done;

@@ -679,6 +683,10 @@ process_open(u_int32_t id)
 Attrib a;
 char *name;
 int r, handle, fd, flags, mode, status = SSH2_FX_FAILURE;
+mode_t old_umask = 0;

 if ((r = sshbuf_get_cstring(iqueue, &name, NULL)) != 0 ||
     (r = sshbuf_get_u32(iqueue, &pflags)) != 0) /* portable flags */
@@ -688,6 +693,10 @@ process_open(u_int32_t id)
 debug3("request %u: open flags %s mode 0%o",
+	if (permforce == 1) { /* Force perm if -m is set */
+        mode = permforcemode;
+        old_umask = umask(0); /* so umask does not interfere */
+    }
    logit("open \"%s\" flags %s mode 0%o",

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name, string_from_portable(pflags), mode);
if (readonly &&
@@ -709,6 +718,8 @@ process_open(u_int32_t id)
)
}
}
+if (permforce == 1)
+(void) umask(old_umask); /* restore umask to something sane */
if (status != SSH2_FX_OK)
send_status(id, status);
free(name);
@@ -1490,7 +1501,7 @@ sftp_server_usage(void)
fprintf(stderr,
   "usage: %s [-ehR] [-d start_directory] [-f log_facility] "
   "[-l log_level][m] [-P blacklisted_requests] "
-    "[-p whitelisted_requests] [-u umask]\n" +    "[-p whitelisted_requests] [-u umask] [-f force_file_perms]\n"
   "    %s -Q protocol_feature\n",
   __progname, __progname);
exit(1);
@@ -1516,7 +1527,7 @@ sftp_server_main(int argc, char **argv,
pw = pwcopy(user_pw);

while (!skipargs && (ch = getopt(argc, argv,
+    "d:f:l:P:p:Q:u:m:cehR") != -1) {
switch (ch) {
 case 'Q':
 if (strcasecmp(optarg, "requests") != 0) {
@@ -1576,6 +1587,15 @@ sftp_server_main(int argc, char **argv,
     fatal("Invalid umask \"%s\"", optarg);
     (void)umask((mode_t)mask);
     break;
+case 'm':
+    "*/ Force permissions on file received via sftp */
+    permforce = 1;
+    permforcemode = strtol(optarg, &cp, 8);
+    if (permforcemode < 0 || permforcemode > 0777 ||
+        *cp != '0' || (permforcemode == 0 &&
+        errno != 0))
+     fatal("Invalid file mode \"%s\"", optarg);
+     break;
+case 'h':
+    default:
+    sftp_server_usage();


1.37 libssh 0.7.1-7.el7

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Version 2.1, February 1999

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1.47 reflections 0.9.11

1.48 jakarta-el-api 3.0.2

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One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire build system we had. And he did this out of his own pocket, from
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48 core machine, with 4 SSD's and 4 sata disks : but the key metric is
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Having this capability was key in our ability to build, test and deliver
CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix,
AZ, USA for his continued support for the project.

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The Red Hat developers, without whom CentOS would look very different

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1.61 spring-context 5.1.12.RELEASE


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1.64 ipmi-tool 1.8.18 7.el7

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Included here to compliment the Pthreads-win32 license header in wtf/ThreadingWin.cpp file. WebKit is using derived sources of ThreadCondition code from Pthreads-win32.
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# contribution to the Google C++ Testing Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

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From 032df66e235e2f87d6882fda269843f9fa83b8cf Mon Sep 17 00:00:00 2001
From: "commit-queue@webkit.org"
<commit-queue@webkit.org>@268f45cc-cd09-0410-ab3c-d52691b4dbfc>
Date: Fri, 6 Oct 2017 06:32:57 +0000
Subject: [PATCH] Update Source/ThirdParty/woff2 to
22c256bc457777744ba14b7325a6e8e0e7dec91c
https://bugs.webkit.org/show_bug.cgi?id=177994

Patch by Frederic Wang <fwang@igalia.com> on 2017-10-05
Reviewed by Michael Catanzaro.

Source/ThirdParty:

* woff2/CMakeLists.txt: Also consider the directory for public headers.
* woff2/README.webkit:
* woff2/include/woff2/decode.h: Renamed from Source/ThirdParty/woff2/src/woff2_dec.h.
* woff2/include/woff2/encode.h: Renamed from Source/ThirdParty/woff2/src/woff2_enc.h.
(woff2::WOFF2Params::WOFF2Params):
* woff2/include/woff2/output.h: Renamed from Source/ThirdParty/woff2/src/woff2_out.h.
(woff2::WOFF2Out::~WOFF2Out):
(woff2::WOFF2StringOut::MaxSize):
* woff2/src/buffer.h:
* woff2/src/convert_woff2ttf_*_.cc:
* woff2/src/file.h:
* woff2/src/font.cc:
* woff2/src/font.h:
* woff2/src/glyph.cc:
* woff2/src/glyph.h:
* woff2/src/normalize.cc:
* woff2/src/normalize.h:
* woff2/src/port.h:
* woff2/src/round.h:
* woff2/src/store_bytes.h:
* woff2/src/table_tags.cc:
* woff2/src/table_tags.h:
* woff2/src/transform.cc:
* woff2/src/transform.h:
* woff2/src/variable_length.cc:
* woff2/src/variable_length.h:
* woff2/src/woff2_common.cc:
* woff2/src/woff2_common.h:
* woff2/src/woff2_compress.cc:
* woff2/src/woff2_dec.cc:
* woff2/src/woff2_decompress.cc:
* woff2/src/woff2_enc.cc:
* woff2/src/woff2_info.cc:
* woff2/src/woff2_out.cc:
* woff2/update.sh: Also consider directory for public headers.

Source/WebCore:

No new tests, already covered by existing tests.
* CMakeLists.txt: Include the directory for public headers instead.
* platform/graphics/WOFFFileFormat.cpp: Use the public header
woff2/decode.h and do not use the "wOF2" constant from private headers.
(WebCore::isWOFF):
(WebCore::convertWOFFToSfnt):
git-svn-id: http://svn.webkit.org/repository/webkit/trunk@222960 268f45cc-cd09-0410-ab3c-d52691b4dbfc
diff --git a/Source/ThirdParty/woff2/CMakeLists.txt b/Source/ThirdParty/woff2/CMakeLists.txt
index 3e5a48f3874..e1f4582db72 100644
--- a/Source/ThirdParty/woff2/CMakeLists.txt
+++ b/Source/ThirdParty/woff2/CMakeLists.txt
@@ -1,6 +1,7 @@
set(WOFF2_DIR "${THIRDPARTY_DIR}/woff2")
set(WOFF2_INCLUDE_DIRECTORIES
+ "${WOFF2_DIR}/include"
"${WOFF2_DIR}/src"
)
diff --git a/Source/ThirdParty/woff2/README.webkit b/Source/ThirdParty/woff2/README.webkit
index 1fc0fad4c94..28b9adbac1d 100644
--- a/Source/ThirdParty/woff2/README.webkit
+++ b/Source/ThirdParty/woff2/README.webkit
@@ -11,4 +11,4 @@ The in-tree copy is updated by running
sh update.sh
from within the modules/woff2 directory.
-Current version: [commit aa283a500aeb655834d77f3cf9cf1b093b0b4389].
+Current version: [commit 22c256bc457777744ba14b7325a6e8e0e7dec91c].
diff --git a/Source/ThirdParty/woff2/src/woff2_dec.h b/Source/ThirdParty/woff2/include/woff2/decode.h
similarity index 56%
rename from Source/ThirdParty/woff2/src/woff2_dec.h
rename to Source/ThirdParty/woff2/include/woff2/decode.h
index b889812fbc2..6ef3b8e76c8 100644
--- a/Source/ThirdParty/woff2/src/woff2_dec.h
+++ b/Source/ThirdParty/woff2/include/woff2/decode.h
@@ -1,25 +1,17 @@
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+*/
+/
+/* Library for converting WOFF2 format font files to their TTF versions. */

#ifndef WOFF2_WOFF2_DEC_H_
#define WOFF2_WOFF2_DEC_H_

#include <stddef.h>
#include <inttypes.h>
+#include "woff2_out.h"
+#include <woff2/output.h>

namespace woff2 {

diff --git a/Source/ThirdParty/woff2/src/woff2_enc.h b/Source/ThirdParty/woff2/include/woff2/encode.h
similarity index 57%
rename from Source/ThirdParty/woff2/src/woff2_enc.h
rename to Source/ThirdParty/woff2/include/woff2/encode.h
index 3ac8c3ab1bd..34b77229749 100644
@@ -1,18 +1,10 @@
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/* Library for converting WOFF2 format font files to their TTF versions. */

#ifndef WOFF2_WOFF2_ENC_H_
#define WOFF2_WOFF2_ENC_H_
@@ -21,16 +13,13 @@
#include <inttypes.h>
#include <string>

-old std::string;
-
-
namespace woff2 {

struct WOFF2Params {
  WOFF2Params() : extended_metadata(""), brotli_quality(11),
                  allow_transforms(true) {} 

    - string extended_metadata;
+ std::string extended_metadata;
    int brotli_quality;
    bool allow_transforms;
};
@@ -38,7 +27,7 @@ struct WOFF2Params {
// Returns an upper bound on the size of the compressed file.
size_t MaxWOFF2CompressedSize(const uint8_t* data, size_t length);
size_t MaxWOFF2CompressedSize(const uint8_t* data, size_t length,
-                              const string& extended_metadata);
+                              const std::string& extended_metadata);

// Compresses the font into the target buffer. *result_length should be at least
// the value returned by MaxWOFF2CompressedSize(), upon return, it is set to the
// the value returned by MaxWOFF2CompressedSize(), upon return, it is set to the
"
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// Output buffer for WOFF2 decompression.
-

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// Output buffer for WOFF2 decompression.

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*/

namespace woff2 {

// Suggested max size for output.
cost size_t kDefaultMaxSize = 30 * 1024 * 1024;
-using std::string;
-
/**
 * Output interface for the woff2 decoding.
 *
@@ -79,7 +51,7 @@ class WOFF2StringOut : public WOFF2Out {
   // Create a writer that writes its data to buf.
   // buf->size() will grow to at most max_size
   // buf may be sized (e.g. using EstimateWOFF2FinalSize) or empty.
- explicit WOFF2StringOut(string* buf);
+ explicit WOFF2StringOut(std::string* buf);

   bool Write(const void* buf, size_t n) override;
   bool Write(const void* buf, size_t offset, size_t n) override;
@@ -87,7 +59,7 @@ class WOFF2StringOut : public WOFF2Out {
       return max_size_; }
   void SetMaxSize(size_t max_size);
 private:
- string* buf_;
+ std::string* buf_;
   size_t max_size_;  
   size_t offset_; 
};

diff --git a/Source/ThirdParty/woff2/src/buffer.h b/Source/ThirdParty/woff2/src/buffer.h
index 08681a6fcbf..7240e5181ce 100644
--- a/Source/ThirdParty/woff2/src/buffer.h
+++ b/Source/ThirdParty/woff2/src/buffer.h
@@ -1,19 +1,11 @@
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#ifndef WOFF2_BUFFER_H_
#define WOFF2_BUFFER_H_

#include <stddef.h>
#include <stdint.h>
#include <woff2/decode.h>

extern "C" int LLVMFuzzerTestOneInput(const uint8_t* data, size_t size) {

// Decode using newer entry pattern.
extern "C" int LLVMFuzzerTestOneInput(const uint8_t* data, size_t size) {

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---
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+++ b/Source/ThirdParty/woff2/src/font.h
@@ -1,19 +1,11 @@
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+ */
+ +
+/* Data model for a font file in sfnt format, reading and writing functions and
+ accessors for the glyph data. */

#endif WOFF2_FONT_H_
#define WOFF2_FONT_H_
diff --git a/Source/ThirdParty/woff2/src/glyph.cc b/Source/ThirdParty/woff2/src/glyph.cc
index 4c6b60a1447..057174de219 100644
--- a/Source/ThirdParty/woff2/src/glyph.cc
+++ b/Source/ThirdParty/woff2/src/glyph.cc
@@ -1,18 +1,10 @@
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-//
-// Data model for a font file in sfnt format, reading and writing functions and
-// accessors for the glyph data.

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//
// Glyph manipulation
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+*/
+
+/* Glyph manipulation */

#include "./glyph.h"

diff --git a/Source/ThirdParty/woff2/src/glyph.h b/Source/ThirdParty/woff2/src/glyph.h
index 0ee755c2f5a..f24056f4e8c 100644
--- a/Source/ThirdParty/woff2/src/glyph.h
+++ b/Source/ThirdParty/woff2/src/glyph.h
@@ -1,19 +1,11 @@
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-
-// Data model and I/O for glyph data within sfnt format files for the purpose of
-// performing the preprocessing step of the WOFF 2.0 conversion.
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+*/
+
+/* Data model and I/O for glyph data within sfnt format files for the purpose of
+ performing the preprocessing step of the WOFF 2.0 conversion. */

#ifndef WOFF2_GLYPH_H_
#define WOFF2_GLYPH_H_

diff --git a/Source/ThirdParty/woff2/src/normalize.cc b/Source/ThirdParty/woff2/src/normalize.cc
index 1af3b7db66b..39f9405fd31 100644
--- a/Source/ThirdParty/woff2/src/normalize.cc
+++ b/Source/ThirdParty/woff2/src/normalize.cc

@@ -1,18 +1,10 @@
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-//
-// Glyph normalization
+
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+ */

+/* Glyph normalization */

#include "normalize.h"

diff --git a/Source/ThirdParty/woff2/src/normalize.h b/Source/ThirdParty/woff2/src/normalize.h
index e0153488ed3..c6fee74db60 100644
--- a/Source/ThirdParty/woff2/src/normalize.h
+++ b/Source/ThirdParty/woff2/src/normalize.h
@@ -1,20 +1,12 @@
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-//
-// Glyph normalization
+
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+ */

+/* Glyph normalization */

#include "/normalize.h"

diff --git a/Source/ThirdParty/woff2/src/normalize.h b/Source/ThirdParty/woff2/src/normalize.h
index e0153488ed3..c6fee74db60 100644
--- a/Source/ThirdParty/woff2/src/normalize.h
+++ b/Source/ThirdParty/woff2/src/normalize.h
@@ -1,20 +1,12 @@
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-// Glyph normalization
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+ */

+/* Glyph normalization */

#include "/normalize.h"
/* Functions for normalizing fonts. Since the WOFF 2.0 decoder creates font files in normalized form, the WOFF 2.0 conversion is guaranteed to be lossless (in a bitwise sense) only for normalized font files. */

#ifndef WOFF2_NORMALIZE_H_
#define WOFF2_NORMALIZE_H_

#ifndef WOFF2_PORT_H_
#define WOFF2_PORT_H_

#endif

---

---
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// Helper for rounding
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+*/
+
+/* Helper for rounding */

#ifndef WOFF2_ROUND_H_
#define WOFF2_ROUND_H_

--- a/Source/ThirdParty/woff2/src/store_bytes.h
+++ b/Source/ThirdParty/woff2/src/store_bytes.h
@@ -1,19 +1,11 @@
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-//
---
+// Helper functions for storing integer values into byte streams.
+// No bounds checking is performed, that is the responsibility of the caller.
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*/
+*/ Helper functions for storing integer values into byte streams.
+ No bounds checking is performed, that is the responsibility of the caller. */

#ifndef WOFF2_STORE_BYTES_H_
#define WOFF2_STORE_BYTES_H_

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*/

#include "./table_tags.h"

diff --git a/Source/ThirdParty/woff2/src/table_tags.cc b/Source/ThirdParty/woff2/src/table_tags.cc
index 0071e00b00c..dca3ee8d287 100644
--- a/Source/ThirdParty/woff2/src/table_tags.cc
+++ b/Source/ThirdParty/woff2/src/table_tags.cc
@@ -1,18 +1,10 @@
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-//
-// Font table tags
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+*/
+
+/* Font table tags */

#include "./table_tags.h"

diff --git a/Source/ThirdParty/woff2/src/table_tags.h b/Source/ThirdParty/woff2/src/table_tags.h
index daa5d9215de..42dc0ae1c44 100644
--- a/Source/ThirdParty/woff2/src/table_tags.h
+++ b/Source/ThirdParty/woff2/src/table_tags.h
@@ -1,18 +1,10 @@
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+*/
+
+/* Font table tags */

#include "./table_tags.h"
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+*/
+
+/* Font table tags */

#ifndef WOFF2_TABLE_TAGS_H_
#define WOFF2_TABLE_TAGS_H_

/* Library for preprocessing fonts as part of the WOFF 2.0 conversion. */
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+*/
+
+/* Font table tags */
#include "transform.h"

diff --git a/Source/ThirdParty/woff2/src/transform.h b/Source/ThirdParty/woff2/src/transform.h
index e9d1b0d3dc4..a4583d16cb2 100644
--- a/Source/ThirdParty/woff2/src/transform.h
+++ b/Source/ThirdParty/woff2/src/transform.h
@@ -1,18 +1,10 @@
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-//
-// Library for preprocessing fonts as part of the WOFF 2.0 conversion.
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+*/
+
+ /* Library for preprocessing fonts as part of the WOFF 2.0 conversion. */

#ifndef WOFF2_TRANSFORM_H_
#define WOFF2_TRANSFORM_H_

diff --git a/Source/ThirdParty/woff2/src/variable_length.cc b/Source/ThirdParty/woff2/src/variable_length.cc
index 264eb0a1603..4f348d5e504 100644
--- a/Source/ThirdParty/woff2/src/variable_length.cc
+++ b/Source/ThirdParty/woff2/src/variable_length.cc
@@ -1,18 +1,10 @@
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*/

/* Helper functions for woff2 variable length types: 255UInt16 and UIntBase128 */

#include "./variable_length.h"

diff --git a/Source/ThirdParty/woff2/src/variable_length.h b/Source/ThirdParty/woff2/src/variable_length.h
index 2816ae23a20..20801065357 100644
--- a/Source/ThirdParty/woff2/src/variable_length.h
+++ b/Source/ThirdParty/woff2/src/variable_length.h
@@ -1,18 +1,10 @@
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-// limitations under the License.
-// Helper functions for woff2 variable length types: 255UInt16 and UIntBase128 */

#ifndef WOFF2_VARIABLE_LENGTH_H_
#define WOFF2_VARIABLE_LENGTH_H_

diff --git a/Source/ThirdParty/woff2/src/woff2_common.cc b/Source/ThirdParty/woff2/src/woff2_common.cc
index c19acdbd9ce..fe0a3beda71 100644
--- a/Source/ThirdParty/woff2/src/woff2_common.cc
+++ b/Source/ThirdParty/woff2/src/woff2_common.cc

@@ -1,18 +1,10 @@
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-//
-// Helpers common across multiple parts of woff2
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+*/
+
+/* Helpers common across multiple parts of woff2 */

#include <algorithm>

diff --git a/Source/ThirdParty/woff2/src/woff2_common.h b/Source/ThirdParty/woff2/src/woff2_common.h
index a8c45af80e1..51fd4a7b8a 100644
--- a/Source/ThirdParty/woff2/src/woff2_common.h
+++ b/Source/ThirdParty/woff2/src/woff2_common.h
@@ -1,18 +1,10 @@
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-// Common definition for WOFF2 encoding/decoding
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+*/
+
+/* Common definition for WOFF2 encoding/decoding */

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+*/
+
+/* Common definition for WOFF2 encoding/decoding */

#ifndef WOFF2_WOFF2_COMMON_H_
#define WOFF2_WOFF2_COMMON_H_
/* Common definition for WOFF2 encoding/decoding */
#endif

#include <string>
#include "file.h"
-#include ".woff2_enc.h"
+#include <woff2/encode.h>

int main(int argc, char **argv) {
  diff --git a/Source/ThirdParty/woff2/src/woff2_compress.cc b/Source/ThirdParty/woff2/src/woff2_compress.cc
index e5cf710f793..80e31086676 100644
--- a/Source/ThirdParty/woff2/src/woff2_compress.cc
+++ b/Source/ThirdParty/woff2/src/woff2_compress.cc
@@ -1,23 +1,15 @@
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-//
-// A commandline tool for compressing ttf format files to woff2.
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+*/
+
+/* A commandline tool for compressing ttf format files to woff2. */

#include <string>

#include "file.h"
-#include ".woff2_enc.h"
+#include <woff2/encode.h>

int main(int argc, char **argv) {
  diff --git a/Source/ThirdParty/woff2/src/woff2_dec.cc b/Source/ThirdParty/woff2/src/woff2_dec.cc
index 831dd455513..8186c8e5d9e 100644
--- a/Source/ThirdParty/woff2/src/woff2_dec.cc
+++ b/Source/ThirdParty/woff2/src/woff2_dec.cc
@@ -1,22 +1,15 @@
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-//
-// A commandline tool for decompressing woff2 format files from woff2.
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+*/
+
+/* A commandline tool for decompressing woff2 format files from woff2. */

#include <string>

#include "file.h"
-#include ".woff2_dec.h"
+#include <woff2/decode.h>

int main(int argc, char **argv) {
@@ -1,20 +1,12 @@
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-// See the License for the specific language governing permissions and
-// limitations under the License.
-//
-// Library for converting WOFF2 format font files to their TTF versions.
-
+#include "./woff2_dec.h"
+/* Copyright 2014 Google Inc. All Rights Reserved.
+ * Distributed under MIT license.
+ * See file LICENSE for detail or copy at https://opensource.org/licenses/MIT
+ */
+ /* Library for converting WOFF2 format font files to their TTF versions. */
+ +#include <woff2/decode.h>

#include <stdlib.h>
#include <algorithm>
#include <memory>
#include <utility>
-#include "./brotli/decode.h"
+#include <brotli/decode.h>
#include "./buffer.h"
#include "./port.h"
#include "./round.h"
diff --git a/Source/ThirdParty/woff2/src/woff2_decompress.cc b/Source/ThirdParty/woff2/src/woff2_decompress.cc
index a3422bf6767..de088b9ec0f 100644
--- a/Source/ThirdParty/woff2/src/woff2_decompress.cc
+++ b/Source/ThirdParty/woff2/src/woff2_decompress.cc
@@ -27,7 +19,7 @@
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+*/

/* A very simple commandline tool for decompressing woff2 format files to true 
+ type font files. */

#include <string>

#include ".h"
#include "/woff2_dec.h"
+#include <woff2/decode.h>

int main(int argc, char **argv) {
#include <woff2/encode.h>
#include <stdlib.h>
#include <complex>
#include <vector>
#include ./woff2_enc.h
#include <brotli/encode.h>
#include ./buffer.h
#include ./font.h
#include ./normalize.h

#include <stdio.h>
#include <stdlib.h>
#include <string>
#include <vector>

bool ConvertTTFToWOFF2(const uint8_t *data, size_t length,
std::pair<uint32_t, uint32_t> tag_offset(table.tag, table_offset);
if (index_by_tag_offset.find(tag_offset) == index_by_tag_offset.end()) {
#endif FONT_COMPRESSION_BIN
    fprintf(stderr, "Missing table index for offset 0x%08x\n",
+printf(stderr, "Missing table index for offset 0x%08x\n",
    table_offset);
#endif
    return FONT_COMPRESSION_FAILURE();
}
A commandline tool for dumping info about a woff2 file.

/* Copyright 2014 Google Inc. All Rights Reserved. */

#include <string>

/* Output buffer for WOFF2 decompression. */
#include "woff2_out.h"
+ Distributed under MIT license.
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+/*
 +
+/* Output buffer for WOFF2 decompression. */
+
+#include <woff2/output.h>
+
+using std::string;
namespace woff2 {

diff --git a/Source/ThirdParty/woff2/update.sh b/Source/ThirdParty/woff2/update.sh
index c67cb43f1c6..7e15f564ff1 100755
--- a/Source/ThirdParty/woff2/update.sh
+++ b/Source/ThirdParty/woff2/update.sh
@@ -10,8 +10,9 @@ git clone https://github.com/google/woff2 ${MY_TEMP_DIR}/woff2
COMMIT="(cd ${MY_TEMP_DIR}/woff2 && git log | head -n 1)"
perl -p -i -e "s/\[commit [0-9a-f]{40}\]/[\${COMMIT}]/" README.webkit;

-rm -rf src
+rm -rf src include
mv ${MY_TEMP_DIR}/woff2/src src
+mv ${MY_TEMP_DIR}/woff2/include include
rm -rf ${MY_TEMP_DIR}

echo "###"

diff --git a/Source/WebCore/CMakeLists.txt b/Source/WebCore/CMakeLists.txt
index 37847287c18..68307bbf4f6 100644
--- a/Source/WebCore/CMakeLists.txt
+++ b/Source/WebCore/CMakeLists.txt
@@ -3653,7 +3653,7 @@ if (ENABLE_USER_MESSAGE_HANDLERS)
endif ()
if (USE_WOFF2)
-  list(APPEND WebCore_INCLUDE_DIRECTORIES "${THIRDPARTY_DIR}/woff2/src")
+  list(APPEND WebCore_INCLUDE_DIRECTORIES "${THIRDPARTY_DIR}/woff2/include")
  list(APPEND WebCore_LIBRARIES woff2)
endif ()

diff --git a/Source/WebCore/platform/graphics/WOFFFileFormat.cpp b/Source/WebCore/platform/graphics/WOFFFileFormat.cpp
index 1b40708d8b0..fc6b3c270b8 100644
--- a/Source/WebCore/platform/graphics/WOFFFileFormat.cpp
+++ b/Source/WebCore/platform/graphics/WOFFFileFormat.cpp
@@ -31,8 +31,8 @@
#include <wtf/ByteOrder.h>
#if USE(WOFF2)
-#include "woff2_common.h"
-#include "woff2_dec.h"
+#include <woff2/decode.h>
+static const uint32_t kWoff2Signature = 0x774f4632; // "wOF2"
#endif

namespace WebCore {
@@ -84,7 +84,7 @@ bool isWOFF(SharedBuffer& buffer)

namespace woff2 {
#if USE(WOFF2)
-    return signature == woffSignature || signature == woff2::kWoff2Signature;
+    return signature == woffSignature || signature == kWoff2Signature;
#endif

@@ -140,7 +140,7 @@ bool convertWOFFToSfnt(SharedBuffer& woff, Vector<char>& sfnt)
)

#if USE(WOFF2)
-    if (signature == woff2::kWoff2Signature) {
+    if (signature == kWoff2Signature) {
        const uint8_t* woffData = reinterpret_cast_ptr<const uint8_t*>(woff.data());
        const size_t woffSize = woff.size();
        const size_t sfntSize = woff2::ComputeWOFF2FinalSize(woffData, woffSize);
--

2.14.2
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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.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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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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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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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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## -*-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
THREDS_CCPPFLAGS = -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 $@ $<

%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "\"s/\(^.*\)\([^:]*\)\([^:]*\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\([^\:]\)\[^\:]\)\([^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:]\)\[^\:}
$(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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1.67 avalon-logkit 2.1

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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.

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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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must be distributed under the terms of Sections 1 and 2 above on a
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threshold for this to be true is not precisely defined by law.

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Otherwise, if the work is a derivative of the Library, you may
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   c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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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<meta name="generator" content="DocBook XSL Stylesheets V1.78.1">
<link rel="home" href="index.html" title="RSVG Libary Reference Manual">
<link rel="up" href="index.html" title="RSVG Libary Reference Manual">
<link rel="prev" href="annotation-glossary.html" title="Annotation Glossary">
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<link rel="stylesheet" href="style.css" type="text/css">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<table class="navigation" id="top" width="100%" summary="Navigation header" cellpadding="5"
cellspacing="5">
<td width="100%" align="left" class="shortcuts"></td>
<td><a accesskey="h" href="index.html"><img src="home.png" width="16" height="16" border="0" alt="Home"></a></td>
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* /opt/ws_local/PERMITS_SQL/1070861389_1594759010.89/0/spring-security-web-5-2-4-release-sources-jar/org/springframework/security/web/jackson2/WebJackson2Module.java
* /opt/ws_local/PERMITS_SQL/1070861389_1594759010.89/0/spring-security-web-5-2-4-release-sources-jar/org/springframework/security/web/jackson2/DefaultSavedRequestMixin.java
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* /opt/ws_local/PERMITS_SQL/1070861389_1594759010.89/0/spring-security-web-5-2-4-release-sources-jar/org/springframework/security/web/authentication/rememberme/AbstractRememberMeServices.java

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Constant-time SSSE3 AES core implementation.

Version 0.1

By Mike Hamburg (Stanford University), 2009
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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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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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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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

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
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1.91 jersey-spring 2.25.1

1.92 man-db 2.6.3 9.el7

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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 * version.
 */

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1.102 rootfiles 8.1-11.el7.centos
1.102.1 Available under license :
   No license file was found, but licenses were detected in source scan.
   License: Public Domain

   Found in path(s):
   * /opt/cola/permits/1000174893_1613176609.74/0/rootfiles-8.1-11.el7.centos-1.src.rpm-cosi-expand-archive-0nhx8l8B/rootfiles.spec

1.103 mesa 18.0.5-3.el7
1.103.1 Available under license :
/* Legal characters in GLSL are:
 * Identifier characters:
 *
 *  Letters a-z
 *  Letters A-Z
 *  Underscore
 *  Numbers 0-9
 *
 * Punctuation:
 *
 *  Period, plus, dash, slash, asterisk, percent, angled brackets,
 *  square brackets, parentheses, braces, caret, vertical bar,
 *  ampersand, tilda, equals, exclamation point, colon, semicolon,
 *  comma, and question mark
 *
 * Special:
 *
 *  Number sign (as used in preprocessor)
 *  Backslash just before newline as line continuation
 *
 * White space:
 *
 *  Space, horizontal tab, vertical tab, form feed, carriage-return,
 *  and line-feed.
 *
 * [GLSL Language Specficiation 4.30.6, section 3.1]
 *
 * In this file, we test each of these in turn as follows:
/* Identifier characters: All pass through unchanged
 * Punctuation: All pass through unchanged
 * Special: Empty directive replaced with blank line
 *     Line continuation merges two lines, then a blank line
 *     Whitespace: 4 horizontal space characters each replaced with space
 *     2 newline characters each replaced with a newline
 */

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789
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-/
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{ }
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;:
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Open Source Used In Cisco SD-WAN Cloud OnRamp for Colocation 4.7.1 1052
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Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
CC: "jorge@iryoku.com" <jorge@iryoku.com>

Yes to both questions.

Thanks,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:49 PM
To: Jorge Jimenez <iryoku@gmail.com>
CC: jorge@iryoku.com
Subject: Re: Question about Mesa MLAA license

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:
> Hi Tom,
>
> What we meant with that is that we made an exception for clause 2.
> Instead of clause 2, in the case of the Mesa project, you have to name
> the technique Jimenez's MLAA in the config options of Mesa. We did that
> just to allow them to solve license issues. This exception should be for
> the Mesa project, and any project using Mesa, like Fedora.
> 
> We want to widespread usage of our MLAA, so we want to avoid any kind of
> license complications. Hope current one is good for Fedora, if not
> please tell, and we'll see what we can do!

Okay, a few more questions:

* If Fedora decides to simply reproduce the quoted statement:
"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological
anti-aliasing based on Jimenez\' MLAA. 0 to disable, 8 for default
quality". Is this in compliance with your exception?

Thanks again,

~tom
Fedora Project

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:39 PM
To: "jorge@iryoku.com" <jorge@iryoku.com>, Tom Callaway <tcallawa@redhat.com>

Hi Tom,

What we meant with that is that we made an exception for clause 2. Instead of clause 2, in the case of the Mesa project, you have to name the technique Jimenez's MLAA in the config options of Mesa. We did that just to allow them to solve license issues. This exception should be for the Mesa project, and any project using Mesa, like Fedora.

We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:30 PM
To: jorge@iryoku.com
Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.

The license says:

* 2. Redistributions in binary form must reproduce the following statement:
*   * "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
*     Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
*   * Only for use in the Mesa project, this point 2 is filled by naming the technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:
- This code may only be used as part of Mesa.

OR

- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's MLAA" in the Mesa config options.

*****

If the first item is true, then we may have to remove the MLAA code from Fedora's copy of Mesa. However, looking at the license on your SMAA code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway
Fedora Legal

==
Fedora Project
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html lang="en">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8">
<title>License / Copyright Information</title>
<link rel="stylesheet" type="text/css" href="mesa.css">
</head>
<body>
<div class="header">
<h1>The Mesa 3D Graphics Library</h1>
</div>

<iframe src="contents.html"></iframe>

<div class="content">
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Ext headers include/GL/glext.h     Khronos
                                include/GL/glxext.h
GLX client code src/glx/           SGI Free Software License B
C11 thread include/c11/threads*.h Boost (permissive) emulation
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</html>
1.104 tomcat-tribes 7.0.76

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Date    Who       What
28oct1999 dl        Created
14dec1999 dl        jmm snapshot
19apr2000 dl        use barrierLock
12jan2001 dl        public release
17nov2001 dl        Minor tunings
20may2002 dl        BarrierLock can now be serialized.
09dec2002 dl        Fix interference checks.
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former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

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- Valgrind client API header, located at src/third_party/valgrind/valgrind.h
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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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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.

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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<td>2001-now</td>
<td>PSF</td>
<td>yes</td>
</tr>
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 */

1.140 pyasn1-modules 0.0.8
1.140.1 Available under license:

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1.141 llvm 5.0.0-3.el7

1.141.1 Available under license:

```plaintext
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s
;
; Test that early if conversion produces LOCR with operands of the right
; register classes.

define void @autogen_SD4739(i8*)
{
    ; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
    BB:
    %L34 = load i8, i8* %0
    %Cmp56 = icmp sgt i8 undef, %L34
    br label %CF246

    CF246:
    ; preds = %CF246, %BB
    %SI163 = select i1 %Cmp56, i8 %L34, i8 undef
    br i1 undef, label %CF246, label %CF248

    CF248:
    ; preds = %CF248, %CF246
    store i8 %SI163, i8* %0
    br label %CF248
}
; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=avx512vl,avx512bw,avx512dq,prefer-256-bit |
; This file primarily contains tests for specific places in X86ISelLowering.cpp that needed be made aware of the legalizer not allowing 512-bit vectors due to prefer-256-bit even though AVX512 is enabled.

define void @add256(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: add256:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:  vmovdqa (%rdi), %ymm0
  ; CHECK-NEXT:  vmovdqa 32(%rdi), %ymm1
  ; CHECK-NEXT:  vpadd (%rsi), %ymm0, %ymm0
  ; CHECK-NEXT:  vpadd 32(%rsi), %ymm1, %ymm1
  ; CHECK-NEXT:  vmovdqa %ymm1, 32(%rdx)
  ; CHECK-NEXT:  vmovdqa %ymm0, 32(%rdx)
  ; CHECK-NEXT:  vzeroupper
  %d = load <16 x i32>, <16 x i32>* %a
  %e = load <16 x i32>, <16 x i32>* %b
  %f = add <16 x i32> %d, %e
  store <16 x i32> %f, <16 x i32>* %c
  ret void
}

define void @add512(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: add512:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
  ; CHECK-NEXT:  vpadd (%rsi), %zmm0, %zmm0
  ; CHECK-NEXT:  vmovdqa64 %zmm0, (%rax)
  ; CHECK-NEXT:  vzeroupper
  ; CHECK-NEXT:  retq
  %d = load <16 x i32>, <16 x i32>* %a
  %e = load <16 x i32>, <16 x i32>* %b
  %f = add <16 x i32> %d, %e
  store <16 x i32> %f, <16 x i32>* %c
  ret void
}

define void @avg_v64i8_256(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: avg_v64i8_256:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:  vmovdqa (%rsi), %ymm0
  ; CHECK-NEXT:  vmovdqa 32(%rsi), %ymm1
  ; CHECK-NEXT:  vpavgb (%rdi), %ymm0, %ymm0
  ; CHECK-NEXT:  vpavgb 32(%rdi), %ymm1, %ymm1
  ; CHECK-NEXT:  vmovdqu %ymm1, (%rax)
  ; CHECK-NEXT:  vmovdqu %ymm0, (%rax)
  ; CHECK-NEXT:  vzeroupper

define void @avg_v64i8_512(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: avg_v64i8_512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:    vmovdqa64 (%rsi), %zmm0
    ; CHECK-NEXT:    vpavgb (%rdi), %zmm0, %zmm0
    ; CHECK-NEXT:    vmovdqu64 %zmm0, (%rax)
    ; CHECK-NEXT:    vzeroupper
    ; CHECK-NEXT:    retq
    %1 = load <64 x i8>, <64 x i8>* %a
    %2 = load <64 x i8>, <64 x i8>* %b
    %3 = zext <64 x i8> %1 to <64 x i32>
    %4 = zext <64 x i8> %2 to <64 x i32>
    %5 = add nuw nsw <64 x i32> %3, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1
    %6 = add nuw nsw <64 x i32> %5, %4
    %7 = lshr <64 x i32> %6, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1
    %8 = trunc <64 x i32> %7 to <64 x i8>
    store <64 x i8> %8, <64 x i8>* undef, align 4
    ret void
}

define void @pmaddwd_32_256(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="256" {
    ; CHECK-NEXT:    retq
    %1 = load <64 x i8>, <64 x i8>* %a
    %2 = load <64 x i8>, <64 x i8>* %b
    %3 = zext <64 x i8> %1 to <64 x i32>
    %4 = zext <64 x i8> %2 to <64 x i32>
    %5 = add nuw nsw <64 x i32> %3, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1
    %6 = add nuw nsw <64 x i32> %5, %4
    %7 = lshr <64 x i32> %6, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1, %i32 1
    %8 = trunc <64 x i32> %7 to <64 x i8>
    store <64 x i8> %8, <64 x i8>* undef, align 4
    ret void
}
define void @pmaddwd_32_512(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="512" {  ; CHECK-LABEL: pmaddwd_32_512:  ; CHECK: # %bb.0:  ; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0  ; CHECK-NEXT: vpmaddwd (%rsi), %zmm0, %zmm0  ; CHECK-NEXT: vpmaddwd %zmm0, %zmm1, %zmm1  ; CHECK-NEXT: vmovdqa %zmm1, 32(%rdx)  ; CHECK-NEXT: vmovdqa %zmm0, (%rdx)  ; CHECK-NEXT: vzeroupper  ; CHECK-NEXT: retq  %A = load <32 x i16>, <32 x i16>* %APtr  %B = load <32 x i16>, <32 x i16>* %BPtr  %a = sext <32 x i16> %A to <32 x i32>  %b = sext <32 x i16> %B to <32 x i32>  %m = mul nsw <32 x i32> %a, %b  %odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32 12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>  %even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32 13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>  %ret = add <16 x i32> %odd, %even  store <16 x i32> %ret, <16 x i32>* %CPtr  ret void  }

define void @psubus_64i8_max_256(<64 x i8>* %xptr, <64 x i8>* %y.ptr, <64 x i8>* %zptr) "min-legal-vector-
width"="256" {
; CHECK-LABEL: psubus_64i8_max_256:
; CHECK:       # %bb.0:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpsubusb (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vpsubusb 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%x = load <64 x i8>, <64 x i8>* %xptr
%y = load <64 x i8>, <64 x i8>* %yptr
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr
ret void
}
define void @psubus_64i8_max_512(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="512" {
; CHECK-LABEL: psubus_64i8_max_512:
; CHECK:       # %bb.0:
; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%x = load <64 x i8>, <64 x i8>* %xptr
%y = load <64 x i8>, <64 x i8>* %yptr
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr
ret void
}
define i32 @Z9test_charPcS_i_256(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width"="256" {
; CHECK-LABEL: _Z9test_charPcS_i_256:
; CHECK:       # %bb.0: # %entry
; CHECK-NEXT: movl %edx, %eax
; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT: xorl %ecx, %ecx
; CHECK-NEXT: vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT: vpxor %xmm2, %xmm2, %xmm2
; CHECK-NEXT: .p2align 4, 0x90

; CHECK-NEXT: .LBB8_1: # %vector.body
; CHECK-NEXT: # =>This Inner Loop Header: Depth=1
; CHECK-NEXT: vpmovsxbw (%rdi,%rcx), %ymm3
; CHECK-NEXT: vpmovsxbw 16(%rdi,%rcx), %ymm4
; CHECK-NEXT: vpmovsxbw (%rsi,%rcx), %ymm5
; CHECK-NEXT: vpmaddwd %ymm3, %ymm5, %ymm3
; CHECK-NEXT: vpaddd %ymm1, %ymm3, %ymm1
; CHECK-NEXT: vpmovsxbw 16(%rsi,%rcx), %ymm3
; CHECK-NEXT: vpaddd %ymm4, %ymm3, %ymm3
; CHECK-NEXT: vpaddd %ymm2, %ymm3, %ymm2
; CHECK-NEXT: addq $32, %rcx
; CHECK-NEXT: cmpq %rcx, %rax
; CHECK-NEXT: jne .LBB8_1
; CHECK-NEXT: # %bb.2: # %middle.block
; CHECK-NEXT: vpaddd %ymm0, %ymm1, %ymm1
; CHECK-NEXT: vpaddd %ymm0, %ymm2, %ymm0
; CHECK-NEXT: vpaddd %ymm0, %ymm1, %ymm0
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT: vpshufd {{.*#+}} xmm1 = xmm0[2,3,0,1]
; CHECK-NEXT: vpaddd %ymm1, %ymm0, %ymm0
; CHECK-NEXT: vpshufd {{.*#+}} xmm1 = xmm0[1,1,2,3]
; CHECK-NEXT: vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT: vmovd %xmm0, %eax
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq

entry:
%3 = zext i32 %2 to i64
br label %vector.body

vector.body:
%index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
%vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
%4 = getelementptr inbounds i8, i8* %0, i64 %index
%5 = bitcast i8* %4 to <32 x i8>*
%wide.load = load <32 x i8>, <32 x i8>* %5, align 1
%6 = sext <32 x i8> %wide.load to <32 x i32>
%7 = getelementptr inbounds i8, i8* %1, i64 %index
%8 = bitcast i8* %7 to <32 x i8>*
%wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
%9 = sext <32 x i8> %wide.load14 to <32 x i32>
%10 = mul nsw <32 x i32> %9, %6
%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

middle.block:
define i32 @_Z9test_charPcS_i_512(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width"="512" {  
  ; CHECK-LABEL: _Z9test_charPcS_i_512:
  ; CHECK:       # %bb.0: # %entry
  ; CHECK-NEXT: movl %edx, %eax
  ; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
  ; CHECK-NEXT: xorl %ecx, %ecx
  ; CHECK-NEXT: vpxor %xmm1, %xmm1, %xmm1
  ; CHECK-NEXT: .p2align 4, 0x90
  ; CHECK-NEXT:  .LBB9_1: # %vector.body
  ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
  ; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %zmm2
  ; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %zmm3
  ; CHECK-NEXT:    vpmaddwd %zmm2, %zmm3, %zmm2
  ; CHECK-NEXT:    vpaddd %zmm1, %zmm2, %zmm1
  ; CHECK-NEXT:    addq $32, %rcx
  ; CHECK-NEXT:    cmpq %rcx, %rax
  ; CHECK-NEXT:    jne .LBB9_1
  ; CHECK-NEXT:  # %bb.2: # %middle.block


entry:
%3 = zext i32 %2 to i64
br label %vector.body

vector.body:
%index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
%vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
%4 = getelementptr inbounds i8, i8* %0, i64 %index
%5 = bitcast i8* %4 to <32 x i8>*
%6 = sext <32 x i8> %5, align 1
%7 = getelementptr inbounds i8, i8* %1, i64 %index
%8 = bitcast i8* %7 to <32 x i8>*
%wide.load = load <32 x i8>, <32 x i8>* %6, align 1
%9 = sext <32 x i8> %8, align 1
%10 = mul nsw <32 x i32> %9, %6
%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

middle.block:
%rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> %i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 unde
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 unde%bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
%rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> undef, i32 undef, i32 undef, i32 undef, i32 unde%bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
c = global [1024 x i8] zeroinitializer, align 16
c = global [1024 x i8] zeroinitializer, align 16
define i32 @sad_16i8_256() "min-legal-vector-width"="256" {
 ; CHECK-LABEL: sad_16i8_256:
 ; CHECK:       # %bb.0: # %entry
 ; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
 ; CHECK-NEXT:    movq $-1024, %rax # imm = 0xFC00
 ; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
 ; CHECK-NEXT:    .p2align 4, 0x90
 ; CHECK-NEXT:  .LBB10_1: # %vector.body
 ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
 ; CHECK-NEXT:    vmovdqu a+1024(%rax), %xmm2
 ; CHECK-NEXT:    vpsadbw b+1024(%rax), %xmm2, %xmm2
 ; CHECK-NEXT:    vpaddd %ymm1, %ymm2, %ymm0
 ; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
 ; CHECK-NEXT:    vpaddd %ymm1, %ymm0, %ymm0
 ; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,0,1]
 ; CHECK-NEXT:    vpaddd %ymm1, %ymm0, %ymm0
 ; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[1,1,2,3]
 ; CHECK-NEXT:    vpaddd %ymm1, %ymm0, %ymm0
 ; CHECK-NEXT:    vmovd %xmm0, %eax
 ; CHECK-NEXT:    vzeroupper
 ; CHECK-NEXT:    retq
entry:
    br label %vector.body

vector.body:
    %index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
%vec.phi = phi <16 x i32> [ zeroinitialize, %entry ], [ %10, %vector.body ]
%0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
%1 = bitcast i8* %0 to <16 x i8>*
%wide.load = load <16 x i8>, <16 x i8>* %1, align 4
%2 = zext <16 x i8> %wide.load to <16 x i32>
%3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
%4 = bitcast i8* %3 to <16 x i8>*
%wide.load.1 = load <16 x i8>, <16 x i8>* %4, align 4
%5 = zext <16 x i8> %wide.load.1 to <16 x i32>
%6 = sub nsz <16 x i32> %2, %5
%7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsz <16 x i32> zeroinitialize, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsz <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
br i1 %11, label %middle.block, label %vector.body

middle.block:
%.lcssa = phi <16 x i32> [ %10, %vector.body ]
%rdx.shuf = shufflevector <16 x i32> %.lcssa, <16 x i32> undef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <16 x i32> %.lcssa, %rdx.shuf
%rdx.shuf.2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx.2 = add <16 x i32> %bin.rdx, %rdx.shuf.2
%rdx.shuf.3 = shufflevector <16 x i32> %bin.rdx.2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx.3 = add <16 x i32> %bin.rdx.2, %rdx.shuf.3
%rdx.shuf.4 = shufflevector <16 x i32> %bin.rdx.3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx.4 = add <16 x i32> %bin.rdx.3, %rdx.shuf.4
%12 = extractelement <16 x i32> %bin.rdx.4, i32 0
ret i32 %12
}

define i32 @sad_16i8_512() "min-legal-vector-width"="512" {
; CHECK-LABEL: sad_16i8_512:
; CHECK: # %bb.0: # %entry
; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT: movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT: .p2align 4, 0x90
; CHECK-NEXT: .LBB11_1: # %vector.body
; CHECK-NEXT: # =>This Inner Loop Header: Depth=1

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i32 undef>
  %bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
  %rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
  %bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
  %rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
  %bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
  %12 = extractelement <16 x i32> %bin.rdx4, i32 0
  ret i32 %12
}

define void @sbto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" { CHECK-LABEL: sbto16f32_256:
  CHECK: # %bb.0:
  CHECK-NEXT: vpmovw2m %ymm0, %k0
  CHECK-NEXT: kshiftrw $8, %k0, %k1
  CHECK-NEXT: vpmovm2d %k1, %ymm0
  CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
  CHECK-NEXT: vpmovm2d %k0, %ymm1
  CHECK-NEXT: vcvtdq2ps %ymm1, %ymm1
  CHECK-NEXT: vmovaps %ymm1, (%rdi)
  CHECK-NEXT: vmovaps %ymm0, 32(%rdi)
  CHECK-NEXT: vzeroupper
  CHECK-NEXT: retq
  %mask = icmp slt <16 x i16> %a, zeroinitializer
  %1 = sitofp <16 x i1> %mask to <16 x float>
  store <16 x float> %1, <16 x float>* %res
  ret void
}

define void @sbto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" { CHECK-LABEL: sbto16f32_512:
  CHECK: # %bb.0:
  CHECK-NEXT: vpmovw2m %ymm0, %k0
  CHECK-NEXT: vpmovm2d %k0, %zmm0
  CHECK-NEXT: vcvtdq2ps %zmm0, %zmm0
  CHECK-NEXT: vmovaps %zmm0, (%rdi)
  CHECK-NEXT: vzeroupper
  CHECK-NEXT: retq
  %mask = icmp slt <16 x i16> %a, zeroinitializer
  %1 = sitofp <16 x i1> %mask to <16 x float>
  store <16 x float> %1, <16 x float>* %res
  ret void
}
define void @sbto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {  
; CHECK-LABEL: sbto16f64_256:  
; CHECK: # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: kshiftrw $8, %k0, %k1  
; CHECK-NEXT: vpmovm2d %k1, %ymm0  
; CHECK-NEXT: vcvtqd2pd %xmm0, %ymm1  
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm0  
; CHECK-NEXT: vcvtqd2pd %xmm0, %ymm0  
; CHECK-NEXT: vpmovm2d %k0, %ymm2  
; CHECK-NEXT: vcvtqd2pd %xmm2, %ymm3  
; CHECK-NEXT: vextracti128 $1, %ymm2, %xmm2  
; CHECK-NEXT: vcvtqd2pd %xmm2, %ymm2  
; CHECK-NEXT: vmovaps %ymm2, 32(%rdi)  
; CHECK-NEXT: vmovaps %ymm3, (%rdi)  
; CHECK-NEXT: vmovaps %ymm0, 96(%rdi)  
; CHECK-NEXT: vmovaps %ymm1, 64(%rdi)  
; CHECK-NEXT: vzeroupper  
; CHECK-NEXT: retq  
%mask = icmp slt <16 x i16> %a, zeroinitializer  
%1 = sitofp <16 x i1> %mask to <16 x double>  
store <16 x double> %1, <16 x double>* %res  
ret void  
}

define void @sbto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {  
; CHECK-LABEL: sbto16f64_512:  
; CHECK: # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: vpmovm2d %k0, %zmm0  
; CHECK-NEXT: vcvtqd2pd %ymm0, %zmm1  
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0  
; CHECK-NEXT: vcvtqd2pd %ymm0, %zmm0  
; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)  
; CHECK-NEXT: vmovaps %zmm1, (%rdi)  
; CHECK-NEXT: vzeroupper  
; CHECK-NEXT: retq  
%mask = icmp slt <16 x i16> %a, zeroinitializer  
%1 = sitofp <16 x i1> %mask to <16 x double>  
store <16 x double> %1, <16 x double>* %res  
ret void  
}

define void @ubto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {  
; CHECK-LABEL: ubto16f32_256:  
; CHECK: # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: kshiftrw $8, %k0, %k1
; CHECK-NEXT: vpmovm2d %k1, %ymm0
; CHECK-NEXT: vpsrld $31, %ymm0, %ymm0
; CHECK-NEXT: vcvtq2ps %ymm0, %ymm0
; CHECK-NEXT: vpmovm2d %k0, %ymm1
; CHECK-NEXT: vpsrld $31, %ymm1, %ymm1
; CHECK-NEXT: vcvtq2ps %ymm1, %ymm1
; CHECK-NEXT: vmovaps %ymm1, (%rdi)
; CHECK-NEXT: vmovaps %ymm0, 32(%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zero initializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}
define void @ubto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f32_512:
; CHECK: # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: vpmovm2d %k0, %zmm0
; CHECK-NEXT: vpsrld $31, %zmm0, %zmm0
; CHECK-NEXT: vcvtq2ps %zmm0, %zmm0
; CHECK-NEXT: vmovaps %zmm0, (%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zero initializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}
define void @ubto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f64_256:
; CHECK: # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: kshiftrw $8, %k0, %k1
; CHECK-NEXT: vpmovm2d %k1, %ymm0
; CHECK-NEXT: vpsrld $31, %ymm0, %ymm0
; CHECK-NEXT: vcvtq2pd %xmm0, %ymm0
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT: vcvtq2pd %xmm0, %ymm0
; CHECK-NEXT: vpmovm2d %k0, %ymm2
; CHECK-NEXT: vpsrld $31, %ymm2, %ymm2
; CHECK-NEXT: vcvtq2pd %xmm2, %ymm2
; CHECK-NEXT: vextracti128 $1, %ymm2, %xmm2
; CHECK-NEXT: vcvtq2pd %xmm2, %ymm2
; CHECK-NEXT: vmovaps %ymm2, 32(%rdi)
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define void @ubto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: ubto16f64_512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:   vpmovw2m %ymm0, %k0
    ; CHECK-NEXT:   vpmovm2d %k0, %zmm0
    ; CHECK-NEXT:   vpsrld $31, %zmm0, %zmm0
    ; CHECK-NEXT:   vcvtdq2pd %ymm0, %zmm1
    ; CHECK-NEXT:   vextracti64x4 $1, %zmm0, %ymm0
    ; CHECK-NEXT:   vmovaps %zmm0, 64(%rdi)
    ; CHECK-NEXT:   vmovaps %zmm1, (%rdi)
    ; CHECK-NEXT:   vzeroupper
    ; CHECK-NEXT:   retq
    %mask = icmp slt <16 x i16> %a, zero\n
    %l = uito\n
    store <16 x double> %1, <16 x double>* %res
    ret void
}

define <16 x i16> @test_16f32toub_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
    ; CHECK-LABEL: test_16f32toub_256:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:   vcvttps2dq (%rdi), %ymm1
    ; CHECK-NEXT:   vpslld $31, %ymm1, %ymm1
    ; CHECK-NEXT:   vpmovd2m %ymm1, %k0
    ; CHECK-NEXT:   vcvttps2dq 32(%rdi), %ymm1
    ; CHECK-NEXT:   vpslld $31, %ymm1, %ymm1
    ; CHECK-NEXT:   vpmovd2m %ymm1, %k1
    ; CHECK-NEXT:   kunpckbw %k0, %k1, %k1
    ; CHECK-NEXT:   vmovdqu16 %ymm0, %ymm0 {%k1} {z}
    ; CHECK-NEXT:   retq
    %a = load <16 x float>, <16 x float>* %ptr
    %mask = fptoui <16 x float> %a to <16 x i1>
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zero\n
    ret <16 x i16> %select
}
define <16 x i16> @test_16f32toub_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: test_16f32toub_512:
    ; CHECK:      # %bb.0:
    ; CHECK-NEXT: vcvttps2dq (%rdi), %zmm1
    ; CHECK-NEXT: vpslld $31, %zmm1, %zmm1
    ; CHECK-NEXT: vpmovd2m %zmm1, %k1
    ; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}
    ; CHECK-NEXT: retq
    %a = load <16 x float>, <16 x float>* %ptr
    %mask = fptoui <16 x float> %a to <16 x i1>
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
    ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
    ; CHECK-LABEL: test_16f32tosb_256:
    ; CHECK:      # %bb.0:
    ; CHECK-NEXT: vcvttps2dq (%rdi), %ymm1
    ; CHECK-NEXT: vpmovd2m %ymm1, %k0
    ; CHECK-NEXT: vcvttps2dq 32(%rdi), %ymm1
    ; CHECK-NEXT: vpmovd2m %ymm1, %k1
    ; CHECK-NEXT: kunpckbw %k0, %k1, %k1
    ; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}
    ; CHECK-NEXT: retq
    %a = load <16 x float>, <16 x float>* %ptr
    %mask = fptosi <16 x float> %a to <16 x i1>
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
    ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: test_16f32tosb_512:
    ; CHECK:      # %bb.0:
    ; CHECK-NEXT: vcvttps2dq (%rdi), %zmm1
    ; CHECK-NEXT: vpmovd2m %zmm1, %k1
    ; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}
    ; CHECK-NEXT: retq
    %a = load <16 x float>, <16 x float>* %ptr
    %mask = fptosi <16 x float> %a to <16 x i1>
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
    ret <16 x i16> %select
}

define void @mul256(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="256" {

define void @mul512(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: mul512:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:    vmovdqa64 (%rdi), %zmm0
  ; CHECK-NEXT:    vmovdqa64 (%rsi), %zmm1
  ; CHECK-NEXT:    vpunpckhbw {{.*#+}} zmm2 =
      zmm1[8],zmm0[8],zmm1[9],zmm0[9],zmm1[10],zmm0[10],zmm1[11],zmm0[11],zmm1[12],zmm0[12],zmm1[13],
      zmm0[13],zmm1[14],zmm0[14],zmm1[15],zmm0[15],zmm1[24],zmm0[24],zmm1[25],zmm0[25],zmm1[26],zmm0
      [26],zmm1[27],zmm0[27],zmm1[28],zmm0[28],zmm1[29],zmm0[29],zmm1[30],zmm0[30],zmm1[31],zmm0[31],zmm1[40],zmm0[40],zmm1[41],zmm0[41],zmm1[42],zmm0[42],zmm1[43],zmm0[43],zmm1[44],zmm0[44],zmm1
      [45],zmm0[45],zmm1[46],zmm0[46],zmm1[47],zmm0[47],zmm1[56],zmm0[56],zmm1[57],zmm0[57],zmm1[58],zmm0
      [58],zmm1[59],zmm0[59],zmm1[60],zmm0[60],zmm1[61],zmm0[61],zmm1[62],zmm0[62],zmm1[63],zmm0[63]
  ; CHECK-NEXT:    vpunpckhbw {{.*#+}} zmm3 =
      zmm0[8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,40,40,41,41,4
      2,42,43,43,44,44,45,45,46,46,47,47,56,56,57,57,58,58,59,59,60,60,61,61,62,62,63,63]
  ; CHECK-NEXT:    vpmullw %zmm2, %zmm3, %zmm2
  ; CHECK-NEXT:    vmovdqa64 {{.*#+}} zmm3 =
  ; CHECK-NEXT:    vpandq %zmm3, %zmm2, %zmm2
  ; CHECK-NEXT:    vpunpcklbw {{.*#+}} zmm1 =
      zmm0[0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
  ; CHECK-NEXT:    vpandq %zmm3, %zmm2, %zmm2
  ; CHECK-NEXT:    vpunpcklbw {{.*#+}} zmm0 =
      zmm0[0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0]
  ; CHECK-NEXT:    vpackuswb %zmm1, %zmm0, %zmm0
  ; CHECK-NEXT:    vzeroupper
}

; CHECK-NEXT: retq
%d = load <64 x i8>, <64 x i8>* %a
%e = load <64 x i8>, <64 x i8>* %b
%f = mul <64 x i8> %d, %e
store <64 x i8> %f, <64 x i8>* %c
ret void
}
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<tr>
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<tbody>
<tr>
<td>&lt;none yet&gt;</td>
<td>&lt;none yet&gt;</td>
</tr>
</tbody>
</table>

define void @zext256() "min-legal-vector-width"="256" {
    ; VEC256-LABEL: '.zext256'
    ; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x i64>
    ; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
    ; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; VEC512-LABEL: ’zext256’
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = zext <8 x i16> undef to <8 x i64>
%B = zext <8 x i32> undef to <8 x i64>
%C = zext <16 x i8> undef to <16 x i32>
%D = zext <16 x i16> undef to <16 x i32>
%E = zext <32 x i8> undef to <32 x i16>
ret void
}
define void @zext512() "min-legal-vector-width"="512" {
; AVX-LABEL: ’zext512’
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX256-LABEL: ’zext512’
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x i64>
define void @sext256() "min-legal-vector-width"="256" {
    ; VEC256-LABEL: 'sext256'
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i64>
    ret void
}

define void @sext256() "min-legal-vector-width"="256" {
    ; VEC256-LABEL: 'sext256'
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i64>
    ret void
}
define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}

define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}

define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}

define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}

define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}

define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}

define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ret void
}
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*
*/

; RUN: llc -march=hexagon < %s
; REQUIRES: asserts

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
  entry:
    br i1 undef, label %while.end, label %while.body.lr.ph

while.body.lr.ph: ; preds = %entry
  br label %while.body

while.body: ; preds = %exit.2, %while.body.lr.ph
  %lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
  switch i32 undef, label %exit [
    i32 1, label %sw.bb.i
    i32 2, label %sw.bb3.i
  ]

sw.bb.i: ; preds = %while.body

unreachable

sw.bb3.i: ; preds = %while.body
unreachable

exit: ; preds = %while.body
switch i32 undef, label %exit.2 [
  i32 1, label %sw.bb.i17
  i32 2, label %sw.bb3.i20
]

sw.bb.i17: ; preds = %exit
%0 = bitcast %struct.0* %lsr.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20: ; preds = %exit
%2 = bitcast %struct.0* %lsr.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2: ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
br label %while.body

while.end: ; preds = %entry
ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
; CHECK-LABEL: test_sitofp_fixed:

; First, extend each i32 to i64
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
; CHECK-DAG: sshll.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
; CHECK-DAG: sshll.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
; CHECK-DAG: sshll.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
; CHECK-DAG: sshll.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0, double 64.0>
ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}

; RUN: opt %s -inline -S | FileCheck %s
define internal void @innerSmall() "min-legal-vector-width"="128" {
ret void
}
define internal void @innerLarge() "min-legal-vector-width"="512" {
ret void
}
define internal void @innerNoAttribute() {
ret void
}

; We should not add an attribute during inlining. No attribute means unknown.
; Inlining doesn’t change the fact that we don’t know anything about this
; function.
define void @outerNoAttribute() {
call void @innerLarge()
ret void
}
define void @outerConflictingAttributeSmall() "min-legal-vector-width"="128" {
    call void @innerLarge()
    ret void
}

define void @outerConflictingAttributeLarge() "min-legal-vector-width"="512" {
    call void @innerSmall()
    ret void
}

; We should remove the attribute after inlining since the callee's
; vector width requirements are unknown.
define void @outerAttribute() "min-legal-vector-width"="128" {
    call void @innerNoAttribute()
    ret void
}

; CHECK: define void @outerNoAttribute() {
; CHECK: define void @outerConflictingAttributeSmall() #0
; CHECK: define void @outerConflictingAttributeLarge() #0
; CHECK: define void @outerAttribute() {
; CHECK: attributes #0 = { "min-legal-vector-width"="512" }
; RUN: opt -consthoist -S -o - %s | FileCheck %s
target triple = "thumbv6m-none--musleabi"

; Check that for i8 type, the maximum legal offset is 31.
; Also check that an constant used as value to be stored rather than
; pointer in a store instruction is hoisted.
; CHECK: foo_i8
; CHECK-DAG:  %[[C1:const[0-9]?]] = bitcast i32 805874720 to i32
; CHECK-DAG:  %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK-DAG:  %[[C3:const[0-9]?]] = bitcast i32 805873720 to i32
; CHECK-DAG:  %[[C4:const[0-9]?]] = bitcast i32 805873688 to i32
; CHECK:  %0 = inttoptr i32 %[[C2]] to i8*
; CHECK-NEXT:  %1 = load volatile i8, i8* %0
; CHECK-NEXT:  %[[M1:const_mat[0-9-]??]] = add i32 %[[C2]], 4
; CHECK-NEXT:  %2 = inttoptr i32 %[[M1]] to i8*
; CHECK-NEXT:  %3 = load volatile i8, i8* %2
; CHECK-NEXT:  %[[M2:const_mat[0-9-]??]] = add i32 %[[C2]], 31
; CHECK-NEXT:  %4 = inttoptr i32 %[[M2]] to i8*
; CHECK-NEXT:  %5 = load volatile i8, i8* %4
; CHECK-NEXT:  %[[M3:const_mat[0-9-]??]] = add i32 %[[C1]], 7
; CHECK-NEXT:  %6 = inttoptr i32 %[[M3]] to i8*
; CHECK-NEXT:  %7 = load volatile i8, i8* %6
; CHECK-NEXT:  %8 = inttoptr i32 %[[C1]] to i8*
; CHECK-NEXT:  %9 = load volatile i8, i8* %8
; CHECK-NEXT: %10 = inttoptr i32 %[[C4]] to i8*
; CHECK-NEXT: store i8 %9, i8* %10
; CHECK-NEXT: %[[M4:const_mat[0-9]*]] = add i32 %[[C4]], 31
; CHECK-NEXT: %11 = inttoptr i32 %[[M4]] to i8*
; CHECK-NEXT: store i8 %7, i8* %11
; CHECK-NEXT: %12 = inttoptr i32 %[[C3]] to i8*
; CHECK-NEXT: store i8 %5, i8* %12
; CHECK-NEXT: %[[M5:const_mat[0-9]*]] = add i32 %[[C3]], 7
; CHECK-NEXT: %13 = inttoptr i32 %[[M5]] to i8*
; CHECK-NEXT: store i8 %3, i8* %13
; CHECK-NEXT: %[[M6:const_mat[0-9]*]] = add i32 %[[C1]], 80
; CHECK-NEXT: %14 = inttoptr i32 %[[M6]] to i8*
; CHECK-NEXT: store i8* %14, i8** @goo

@goo = global i8* undef
define void @foo_i8() {
  entry:
  %0 = load volatile i8, i8* inttoptr (i32 805874688 to i8*)
  %1 = load volatile i8, i8* inttoptr (i32 805874692 to i8*)
  %2 = load volatile i8, i8* inttoptr (i32 805874719 to i8*)
  %3 = load volatile i8, i8* inttoptr (i32 805874720 to i8*)
  %4 = load volatile i8, i8* inttoptr (i32 805874727 to i8*)
  store i8 %4, i8* inttoptr(i32 805873688 to i8*)
  store i8 %3, i8* inttoptr(i32 805873719 to i8*)
  store i8 %2, i8* inttoptr(i32 805873720 to i8*)
  store i8 %1, i8* inttoptr(i32 805873727 to i8*)
  store i8* inttoptr(i32 805874800 to i8*), i8** @goo
  ret void
}

; Check that for i16 type, the maximum legal offset is 62.
; CHECK: foo_i16
; CHECK-DAG: %[[C1:const[0-9]*]] = bitcast i32 805874752 to i32
; CHECK-DAG: %[[C2:const[0-9]*]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i16*
; CHECK-NEXT: %1 = load volatile i16, i16* inttoptr (i32 805874688 to i16*)
; CHECK-NEXT: %2 = load volatile i16, i16* inttoptr (i32 805874692 to i16*)
; CHECK-NEXT: %3 = load volatile i16, i16* inttoptr (i32 805874719 to i16*)
; CHECK-NEXT: %4 = load volatile i16, i16* inttoptr (i32 805874720 to i16*)
; CHECK-NEXT: %5 = load volatile i16, i16* inttoptr(i32 805873688 to i16*)
; CHECK-NEXT: %6 = load volatile i16, i16* inttoptr(i32 805873719 to i16*)
; CHECK-NEXT: %7 = load volatile i16, i16* inttoptr(i32 805873720 to i16*)
; CHECK-NEXT: %8 = load volatile i16, i16* inttoptr(i32 805873727 to i16*)
; CHECK-NEXT: %9 = load volatile i16, i16* inttoptr(i32 805874800 to i16*), i16** @goo

define void @foo_i16() {
  entry:
  %0 = load volatile i16, i16* inttoptr (i32 805874688 to i16*), align 2
  %1 = load volatile i16, i16* inttoptr (i32 805874692 to i16*), align 2
  %2 = load volatile i16, i16* inttoptr (i32 805874720 to i16*), align 2
  %3 = load volatile i16, i16* inttoptr (i32 805874750 to i16*), align 2
  %4 = load volatile i16, i16* inttoptr (i32 805874752 to i16*), align 2
  %5 = load volatile i16, i16* inttoptr (i32 805874774 to i16*), align 2
  ret void
}

define void @foo_i32() {
  entry:
  %0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
  %1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
  %2 = load volatile i32, i32* inttoptr (i32 805874720 to i32*), align 4
  %3 = load volatile i32, i32* inttoptr (i32 805874750 to i32*), align 4
  %4 = load volatile i32, i32* inttoptr (i32 805874752 to i32*), align 4
  %5 = load volatile i32, i32* inttoptr (i32 805874774 to i32*), align 4
  ret void
}

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Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

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<tr>
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LLVM System Interface Library

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Continuing the code:

```c
#define fp128 @llvm.fabs.f128(fp128)
define fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
    %cmp = fcmp ogt fp128 %a, %b
    %sub = fsub fp128 %a, %b
    %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
    ret fp128 %res
} CHECK-LABEL: TestSelect:
    CHECK movaps 16(%rsp), %xmm1
    CHECK-NEXT callq __subtf3
    CHECK-NEXT testl %ebx, %ebx
    CHECK-NEXT jg .LBB0_2
    # %bb.1:
    CHECK-NEXT movaps .LCPI0_0(%rip), %xmm0
    CHECK-NEXT .LBB0_2:
    CHECK-NEXT addq $32, %rsp
    CHECK-NEXT popq %rbx
    CHECK-NEXT retq
```
define fp128 @TestFabs(fp128 %a) {
  %res = call fp128 @llvm.fabs.f128(fp128 %a)
  ret fp128 %res
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
  %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
  ret fp128 %res
}

#define fp128 @TestFneg(fp128 %a) {
  %mul = fmul fp128 %a, %a
  %res = fsub fp128 0xL00000000000000008000000000000000, %mul
  ret fp128 %res
}

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1.143 zlib 1.2.7 18.el7.centos

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 */

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3.jar/javax/validation/Validator.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3.jar/javax/validation/metadata/CascadableDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3.jar/javax/validation/ConstraintTarget.java
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*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/FutureOrPresent.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/Null.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ConstraintValidatorContext.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/metadata/ExecutableDescriptor.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/groups/Default.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/MessageInterpolator.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/package-info.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/valueextraction/Unwrapping.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/valueextraction/ValueExtractor.java
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*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/valueextraction/UnwrapByDefault.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/Digits.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/valueextraction/UnwrapByDefault.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/NegativeOrZero.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ConstraintViolation.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ConstraintDefinitionException.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/package-info.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/package-info.java
*/opt/cola/permits/1135880235_1613624044.2/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/spi/ValidationProvider.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ParameterNameProvider.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/Pattern.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/NoProviderFoundException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/Validation.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ValidatorContext.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/NotBlank.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/spi/package-info.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/Constraint.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/Valid.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/metadata/CrossParameterDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/Configuration.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/executable/ValidateOnExecution.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/Size.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/constraints/PastOrPresent.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ConstraintViolationException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/bootstrap/package-info.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/TraversableResolver.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/executable/ExecutableValidator.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ValidationProviderResolver.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/ValidatorFactory.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/metadata/ContainerDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/metadata/ConstraintDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2.0.2-sources-3.jar/javax/validation/metadata/ParameterDescriptor.java
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1.145 httpcomponents-core 4.4.6
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1.146 lua 5.2.2

1.147 libnl3 1.1.4 3.el7
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*/opt/ws_local/PERMITS_SQL/1068497222_1594393092.070/netty-codec-http-4-1-49-final-sources-1-
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1.149 jakarta-ws-rs-api 2.1.5

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## Source Code

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* https://github.com/eclipse-ee4j/jaxrs-api

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Last updated: 2009-02-28

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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/netty_epoll_linuxsocket.h
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/netty_epoll_linuxsocket.c

* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/EpollIMode.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java
* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-
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* /opt/ws_local/PERMITS_SQL/1068497208_1594393159.94/0/netty-transport-native-epoll-4-1-49-final-sources-jar/io/netty/channel/epollNative.java

1.159 dhcp 4.2.5 68.el7.centos

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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>

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1.160 activation-api 1.2.2

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* https://github.com/eclipse-ee4j/jaf

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* /opt/cola/permits/112483062_1611183141.82/0/xercesimpl-zip/xercesimpl-jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties

1.163 augeas 1.4.0-6.el7
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# update-license

This is a small tool that updates the license header for Uber's open source Golang files.

## Installation

```
$ go get go.uber.org/tools/update-license
```

## Usage

```
$ update-license go_files...
```

## Further Work

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tomb - support for clean goroutine termination in Go.

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package api

import (  

type License struct {
  // The unique identifier of the license
  LicenseID string `json:"license_id"

  // The customer ID associated with the license
  CustomerID string `json:"customer_id"

  // If set, an identifier that should be used to lock the license to a
  // particular site, cluster, etc.
  InstallationID string `json:"installation_id"

  // The time at which the license was issued
  IssueTime time.Time `json:"issue_time"

  // The time at which the license starts being valid
  StartTime time.Time `json:"start_time"

  // The time after which the license expires
  ExpirationTime time.Time `json:"expiration_time"

  // The time at which the license ceases to function and can
  // no longer be used in any capacity
  TerminationTime time.Time `json:"termination_time"

  // The product the license is valid for
  Product string `json:"product"

  // License Specific Flags
  Flags map[string]interface{} `json:"flags"

  // List of features enabled by the license
  Features []string `json:"features"
}

type LicenseReply struct {
  Valid bool
  License *License
  Warnings []string
}

func (op *Operator) LicenseGet(q *QueryOptions) (*LicenseReply, error) {
  var reply LicenseReply
  if _, err := op.c.query("/v1/operator/license", &reply, q); err != nil {
func (op *Operator) LicenseGetSigned(q *QueryOptions) (string, error) {
    r := op.c.newRequest("GET", "/v1/operator/license")
    r.params.Set("signed", "1")
    r.setQueryOptions(q)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return "", err
    }
    defer resp.Body.Close()

    data, err := ioutil.ReadAll(resp.Body)
    if err != nil {
        return "", err
    }

    return string(data), nil
}

// LicenseReset will reset the license to the builtin one if it is still valid.
// If the builtin license is invalid, the current license stays active.
func (op *Operator) LicenseReset(opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("DELETE", "/v1/operator/license")
    r.setWriteOptions(opts)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

func (op *Operator) LicensePut(license string, opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("PUT", "/v1/operator/license")
    r.setWriteOptions(opts)
    r.body = strings.NewReader(license)
_, resp, err := requireOK(op.c.doRequest(r))
if err != nil {
    return nil, err
}
deref resp.Body.Close()

if err := decodeBody(resp, &reply); err != nil {
    return nil, err
}

return &reply, nil

Data model artifacts for Prometheus.
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import (
    "encoding/json"
    "github.com/go-openapi/swag"
)

// License information for the exposed API.
// // For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}

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* golang.org/x/mod/module - https://github.com/golang/mod

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Gocheck - A rich testing framework for Go

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goproperties - properties file decoder for Go

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Protocol Buffers for Go with Gadgets

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

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axTLS  http://axtls.sourceforge.net/

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c-ares  http://daniel.haxx.se/projects/c-ares/license.html

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib   http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

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OpenLDAP http://www.openldap.org/software/release/license.html

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

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Python was created in the early 1990s by Guido van Rossum at Stichting 
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands 
as a successor of a language called ABC. Guido remains Python's 
principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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

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

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<thead>
<tr>
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On all platforms, Nmap is normally linked with:
- libpcap: Network packet capture library. Distributed with Nmap in the
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  http://www.tcpdump.org/
- libdnet: Networking library, used for low-level tasks such as sending
  ethernet frames. A modified version is distributed with Nmap in the
  libdnet-stripped subdirectory. A summary of Nmap-local modifications
  is in the file NMAP_MODIFICATIONS.
  http://code.google.com/p/libdnet/
- PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's
  version detection and is also made available as an NSE library.
  Distributed with Nmap in the libpcre subdirectory.
  http://www.pcre.org/
- liblua: Lua programming language. Lua is the implementation language
  of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow
  running Lua programs inside Nmap. Distributed with Nmap in the liblua
  subdirectory. liblua can be omitted by configuring with the
  --without-liblua configuration directive.
  http://www.lua.org/
- OpenSSL: Cryptographic library. OpenSSL is used by service detection
and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL can be disabled by configuring with the --without-openssl configuration directive.
http://www.openssl.org/

- LIBLINEAR. Used for IPv6 OS classification.
  http://www.csie.ntu.edu.tw/~cjlin/liblinear/

On Windows only, Nmap uses:
- WinPcap: libpcap for Windows. The libpcap license applies to WinPcap, and it also has its own license. A binary copy of the library is distributed with Nmap in the subdirectory mswin32/winpcap.
  http://www.winpcap.org/

Certain Nmap Scripting Engine scripts use the simplified BSD license in licenses/bsd-simplified.

Zenmap and Ndiff require:
- Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either py2exe or py2app.
  http://www.python.org/

The Windows and Mac OS X binary packages include bundled versions of:
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- Cairo: graphics library. Dual-licensed under the GNU LGPL 2.1 and the MPL 1.1. See the files licenses/LGPL-2.1 and licenses/MPL-1.1.
  http://www.cairographics.org/
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- libpng, jpeg, LibTIFF: Image file format libraries used by GTK+.
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- Expat: XML parser library.
  http://expat.sourceforge.net/
- fontconfig: font configuration library.
  http://www.fontconfig.org/
- FreeType: font rendering library.
  http://www.freetype.org/
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- libxml2: XML parsing library.
http://xmlsoft.org/
- SQLite.
  http://www.sqlite.org/
- PyGTK, PyGObject: bindings for Python. Licensed under the GNU LGPL 2.1.
  http://www.pygtk.org/
- PyCairo: bindings for Python. Dual-licensed under the GNU LGPL 2.1 and the MPL 1.1.

The Mac OS binary packages also include:
- Various X.org libraries. These were built using MacPorts.
  http://www.x.org/ http://www.macports.org/

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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

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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.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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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.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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.

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Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

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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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   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
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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.

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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
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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.

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1.173 net-snmp 5.7.2

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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

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

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Oracle OpenJDK

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

* java.sun.security.ssl

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

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

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MortBay

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

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.178 jakarta-annotation-api 1.3.4
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* 
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* the Mozilla project has been developed by David Einstein
* (Deininst@world.std.com). David and I are now
* working on parallel development tracks to help
* our respective projects (Mozilla and OpenOffice.org
* and we will maintain full affix file and dictionary
* file compatibility and work on merging our versions
* of MySpell back into a single tree. David has been
* a significant help in improving MySpell.
* 
* Special thanks also go to La'szlo' Ne'meth
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* Hungarian dictionary and who developed and contributed
* the code to support compound words in MySpell
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* 
*/

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The Initial Developers of the Original Code are Kevin Hendricks (MySpell) and Nmeth Lszl (Hunspell).

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Julian Seward, jsward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

---
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>.'
build_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
license: http://dev.perl.org/licenses/
repository: http://github.com/dagolden/module-build/
version: 3

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This is free software, and you are welcome to redistribute it
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program `Gnomovision' (a program to direct compilers to make passes
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<signature of Ty Coon>, 1 April 1989
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The End
#!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 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';
}

done_testing;

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) = $copyright_msg =~ /.*\b(\d{4,})/s
        or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}
sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b\d{4,}\b/i
  or die "Copyright statement not found in perl -v output '$output'";

$year;
}

1.183 spring-boot-starter-json 2.2.7.RELEASE
1.183.1 Available under license:
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* /opt/cola/permits/1137624086_1614109420.34/0/spring-boot-starter-json-2-2-7-release-sources-1-jar/META-INF/maven/org.springframework.boot/spring-boot-starter-json/pom.xml

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1.185 commons-digester 1.8.1

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* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/CipherSuite.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/RequestBody.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Credentials.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Interceptor.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Protocol.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/CertificatePinner.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/MultipartBody.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/platform/ConscryptPlatform.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http/HttpMethod.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http/RealResponseBody.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http2/Header.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http2/PushObserver.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http2/WebSocketReader.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/RealResponseBody.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/websocket/WebSocketWriter.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/websocket/WebsocketProtocol.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/ResponseBody.java
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* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http1/Http1Codec.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http/Header.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/Util.java
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* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http2/ErrorCode.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Handshake.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http/Http2.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Dispatcher.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/cache/InternalCache.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Response.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Request.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http/RequestLine.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/Route.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http/StatusLine.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/cache/CacheStrategy.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/http2/Hpack.java
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* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/internal/proxy/NullProxySelector.java
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  jar/okhttp3/internal/tls/DistinguishedNameParser.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-jar/okhttp3/ConnectionPool.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-
  jar/okhttp3/internal/connection/ConnectInterceptor.java
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  jar/okhttp3/internal/tls/OkHostnameVerifier.java
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  jar/okhttp3/internal/platform/OptionalMethod.java
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  jar/okhttp3/internal/connection/RealConnection.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-
  jar/okhttp3/internal/tls/CertificateChainCleaner.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-
  jar/okhttp3/internal/platform/OptionalMethod.java
* /opt/cola/permits/1126275629_1611617381.77/0/okhttp-3-12-2-sources-3-
  jar/okhttp3/internal/http/BridgeInterceptor.java
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  jar/okhttp3/internal/cache/CacheInterceptor.java
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* /opt/cola/permits/1126275629_1611617381.77/0-okhttp-3-12-2-sources-3-jar-okhttp3/internal/http2/Http2Connection.java
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* /opt/cola/permits/1126275629_1611617381.77/0-okhttp-3-12-2-sources-3-jar-okhttp3/internal/http/HttpDate.java
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* /opt/cola/permits/1154644401_1618870931.380/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/open/capability/qualifier/path.py
* /opt/cola/permits/1154644401_1618870931.380/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/open/ability/refresh.py
* /opt/cola/permits/1154644401_1618870931.380/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/appication/cli.py
* /opt/cola/permits/1154644401_1618870931.380/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/open/ability/refresh.py
* /opt/cola/permits/1154644401_1618870931.380/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/configuration/process/parser.py
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* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/nlri/rtc.py
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/attribute/community/extended/l2info.py
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/attribute/pmsi.py
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```python
from exabgp.bgp.message.update.nlri.bgpls.tlvs.node import NodeDescriptor
from exabgp.bgp.message.update.nlri.bgpls.tlvs.neighaddr import NeighAddr
from exabgp.bgp.message.update.nlri.bgpls.tlvs.ifaceaddr import IfaceAddr
from exabgp.bgp.message.update.nlri.bgpls.tlvs.linkid import LinkIdentifier
from exabgp.bgp.message.update.nlri.bgpls.tlvs.ipreach import IpReach
from exabgp.bgp.message.update.nlri.bgpls.tlvs.ospfroute import OspfRoute
```

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```python
from exabgp.bgp.message.update.nlri.bgpls.tlvs.node import NodeDescriptor
from exabgp.bgp.message.update.nlri.bgpls.tlvs.neighaddr import NeighAddr
from exabgp.bgp.message.update.nlri.bgpls.tlvs.ifaceaddr import IfaceAddr
from exabgp.bgp.message.update.nlri.bgpls.tlvs.linkid import LinkIdentifier
from exabgp.bgp.message.update.nlri.bgpls.tlvs.ipreach import IpReach
from exabgp.bgp.message.update.nlri.bgpls.tlvs.ospfroute import OspfRoute
```

Found in path(s):
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/nlri/bgpls/tlvs/__init__.py
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* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/attribute/bgpls/link/__init__.py
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/attribute/bgpls/link/igpmetric.py
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-
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* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/vendoring/profiler.py
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* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/vendoring/docopt.py
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* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/reactor/listener.py
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/open/capability/operational.py
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/reactor/network/tcp.py

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Metadata-Version: 1.1
Name: exabgp
Version: 4.0.10
Summary: BGP swiss army knife
Home-page: https://github.com/Exa-Networks/exabgp
Author: Thomas Mangin
Author-email: thomas.mangin@exa-networks.co.uk
License: BSD
Download-URL: https://github.com/Exa-Networks/exabgp/archive/4.0.10.tar.gz
Description: ======
ExaBGP
======

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   :target: https://gitter.im/Exa-Networks/exabgp
   :alt: Gitter

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   :target: https://pypi.python.org/pypi/exabgp/
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   :target: https://coveralls.io/r/Exa-Networks/exabgp
   :alt: Coverage

.. image:: https://img.shields.io/pypi/l/exabgp.svg
ExaBGP allows engineers to control their network from commodity servers. Think of it as Software Defined Networking using BGP.

It can be used to announce ipv4, ipv6, vpn or flow routes (for DDOS protection) from its configuration file(s). ExaBGP can also transform BGP messages into friendly plain text or JSON which can be easily manipulate by scripts and report peer announcements.

Use cases include
---------------
- sql backed `looking glass <https://code.google.com/p/gixlg/wiki/sample_maps>`_ with prefix routing visualisation
- `anycasted <http://blog.iweb-hosting.co.uk/blog/2012/01/27/using-bgp-to-serve-high-availability-dns/>`_ services

Installation
============

Prerequisites
-------------

ExaBGP requires python 2.7 or 3.x. It has no external dependencies.

Using pip
---------

#. Use pip to install the packages:

```python
pip install -U exabgp
exabgp --help
```
curl -L https://github.com/Exa-Networks/exabgp/archive/4.0.10.tar.gz | tar zx
./exabgp-4.0.10/sbin/exabgp --help

Feedback and getting involved
=================================
- Gitter: https://gitter.im/Exa-Networks/exabgp
- #exabgp: irc://irc.freenode.net:6667/exabgp
- Google +: https://plus.google.com/u/0/communities/108249711110699351497
- Twitter: https://twitter.com/#!/search/exabgp
- Mailing list: http://groups.google.com/group/exabgp-users
- Issue tracker: https://github.com/Exa-Networks/exabgp/issues
- Code Repository: https://github.com/Exa-Networks/exabgp

Keywords: BGP routing SDN FlowSpec HA
Platform: macosx-10.13-x86_64
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Console
Classifier: Intended Audience :: System Administrators
Classifier: Intended Audience :: Telecommunications Industry
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: POSIX
Classifier: Operating System :: MacOS :: MacOS X
Classifier: Operating System :: Microsoft :: Windows
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3.6
Classifier: Topic :: Internet

Found in path(s):
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/PKG-INFO
* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp.egg-info/PKG-INFO

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* /opt/cola/permits/1154644401_1618870931.38/0/exabgp-4-0-10-tar-gz/exabgp-4.0.10/lib/exabgp/bgp/message/update/nlri/vpls.py

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1.198 idna 2.4

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```python
import io, sys
from setuptools import setup

version = "2.4"

def main():
    python_version = sys.version_info[:2]
    if python_version < (2,6):
      raise SystemExit("Sorry, Python 2.6 or newer required")

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': version,
        'description': 'Internationalized Domain Names in Applications (IDNA),
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
```
'Development Status :: 5 - Production/Stable',
'Intended Audience :: Developers',
'Intended Audience :: System Administrators',
'License :: OSI Approved :: BSD License',
'Operating System :: OS Independent',
'Programming Language :: Python',
'Programming Language :: Python :: 2.6',
'Programming Language :: Python :: 2.7',
'Programming Language :: Python :: 3',
'Programming Language :: Python :: 3.3',
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Topic :: Internet :: Name Service (DNS)',
'Topic :: Software Development :: Libraries :: Python Modules',
'Topic :: Utilities',
],
'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073192095_1596538050.69/0/python-idna-2.4-1.el7-1.src.rpm-cosi-expand-archive-T43oinCV/idna-2.4.tar.gz-cosi-expand-archive-7rjKdsgo/idna-2.4/setup.py
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* /opt/ws_local/PERMITS_SQL/1073192095_1596538050.69/0/python-idna-2.4-1.el7-1.src.rpm-cosi-expand-archive-T43oinCV/idna-2.4.tar.gz-cosi-expand-archive-7rjKdsgo/idna-2.4/idna.egg-info/PKG-INFO
* /opt/ws_local/PERMITS_SQL/1073192095_1596538050.69/0/python-idna-2.4-1.el7-1.src.rpm-cosi-expand-archive-T43oinCV/idna-2.4.tar.gz-cosi-expand-archive-7rjKdsgo/idna-2.4/PKG-INFO
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1.199 retrofit 2.5.0

1.200 spring-jcl 5.2.6.RELEASE

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* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/config/SimpleBeanFactoryAwareAspectInstanceFactory.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/interceptor/SimpleTraceInterceptor.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/interceptor/AbstractMonitoringInterceptor.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/AnnotationAwareAspectJAutoProxyCreator.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/config/MethodLocatingFactoryBean.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/AspectInstanceFactory.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/AnnotationAwareAspectJAutoProxyCreator.java
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* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/config/SpringConfiguredBeanDefinitionParser.java
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* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/config/AspectJAutoProxyBeanDefinitionParser.java
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* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/autoproxy/target/QuickTargetSourceCreator.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/annotation/AspectJProxyFactory.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/config/ConfigBeanDefinitionParser.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/interceptor/AsyncExecutionInterceptor.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/adapter/AdvisorAdapterRegistry.java
* /opt/ cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/interceptor/AsyncExecutionAspectSupport.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/target/SingletonTargetSource.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/target/AbstractBeanFactoryBasedTargetSource.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/interceptor/ExposeBeanNameAdvisors.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/AopUtils.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/Advised.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/AbstractSingletonProxyFactoryBean.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-
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No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/DeclareParentsAdvisor.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/AspectJExpressionPointcut.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/support/AbstractRegexpMethodPointcut.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/target/CommonsPool2TargetSource.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/autoproxy/DefaultAdvisorAutoProxyCreator.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/framework/ProxyCreatorSupport.java
* /opt/cola/permits/1137623466_1614109314.68/0/spring-aop-5-1-12-release-sources-1-jar/org/springframework/aop/aspectj/AspectJWeaverMessageHandler.java
1.205 tigervnc 1.8.0

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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
  3a0982da308228d796df35f98d787c5c5f2bb5b6.

  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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1.210 c3p0 0.9.1.1

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* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/zh_TW.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/pt_BR.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/sr.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/it.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/ja.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/pl.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/bg.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/zh_CN.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/es.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/nl.po

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/**
 * This adds a function to our lookup table.
 *
 * <p>User code should use the addFunctions method, which is based upon a
 * query, rather than hard coding the oid. The oid for a function is not
 * guaranteed to remain static, even on different servers of the same
 * version.
 * */
* @param name Function name
* @param fnid Function id
*/

Found in path(s):
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/fastpath/Fastpath.java
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Found in path(s):
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/ru.po
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Found in path(s):
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/cs.po
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/messages.pot
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/translation/tr.po
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/**
  * This code is a stripped down version of Robert Harder's Public Domain
  * Base64 implementation. GZIP support, InputStream and OutputStream stuff
  * and some unneeded encode/decode methods have been removed.
  *
  * -- Original comments follow --
  *
  * Encodes and decodes to and from Base64 notation.
  *
  * <p>
  * Change Log:
  * </p>
  * <ul>
  * <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
  * some convenience methods for reading and writing to and from files.</li>
  * <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
  * with other encodings (like EBCDIC).</li>
  * <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the
  * encoded data was a single byte.</li>
  * <li>v2.0 - I got rid of methods that used booleans to set options.
  * Now everything is more consolidated and cleaner. The code now detects
when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (<tt>int</tt>s that you "OR" together). <li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>. Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file). <li>v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them. <li>v1.4 - Added helper methods to read/write files. <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset. <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned. <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time. <li>v1.3.3 - Fixed I/O streams which were totally messed up. 

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@author Robert Harder
@author rob@iharder.net
@version 2.1

Found in path(s):
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/Driver.java

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// more details.

Found in path(s):
* /opt/cola/permits/1001068259_1606952791.19/0/postgresql-9-4-1207-jre7-sources-jar/org/postgresql/Driver.java

1.213 ustr 1.0.4 16.el7
1.213.1 Available under license:

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As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

1.219 newt 0.52.15 4.el7

1.219.1 Available under license:

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Version 2, June 1991

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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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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.
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 interface definition files, plus the scripts used to control compilation and installation of the library.

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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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This option is useful when you wish to copy part of the code 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.

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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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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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That's all there is to it!

1.220 jackson-dataformat-yaml 2.10.4
1.220.1 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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### 1.221 spring-boot-starter-logging

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* /opt/cola/permits/1137623744_1614109110.81/0/spring-boot-starter-logging-2-2-7-release-sources-1-jar/META-INF/maven/org.springframework.boot/spring-boot-starter-logging/pom.xml

### 1.222 python-chardet 2.2.1-1.el7.centos

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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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
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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
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Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
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changes were used in the work (which must be distributed under
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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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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.

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1.223 util-linux 2.23.2
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 */

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

---
#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)

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---layout---------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
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<th>Device</th>
<th>Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
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</tr>
</tbody>
</table>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout---------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th>Device</th>
<th>Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ts_dev__1</td>
<td></td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8d8f51a88a045db233418dd73fbd bsd.img

---layout---------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

<table>
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<td>Linux</td>
</tr>
<tr>
<td>__ts_dev__2</td>
<td></td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529cb59e9341afe0443f196a1 bsd.img
Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

<table>
<thead>
<tr>
<th>BFS disklabel command (m for help):</th>
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<tbody>
<tr>
<td>4 partitions:</td>
</tr>
<tr>
<td># start   end   size   fstype [fsise bsize cpg]</td>
</tr>
<tr>
<td>c: 4096  20479  16384  unused  0 0</td>
</tr>
<tr>
<td>d: 0  16064  16065  unused  0 0</td>
</tr>
</tbody>
</table>

---layout--------

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<td># start   end   size   fstype [fsise bsize cpg]</td>
</tr>
<tr>
<td>a: 4096  6144  2049  4.2BSD  0 0 0</td>
</tr>
<tr>
<td>c: 4096  20479  16384  unused  0 0</td>
</tr>
<tr>
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</table>
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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.

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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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1.231 isorelax 20090621

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jar/org/iso_relax/dispatcher/IslandSchemaReader.java

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jar/org/iso_relax/dispatcher/impl/IgnoredSchema.java

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  jar/org/iso_relax/dispatcher/IslandVerifier.java

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```
</pre>
<p>
</p>
</div>
<div class="footer">
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</body>
</html>

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- jsp_2_2.xsd
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- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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- javae_6.xsd
- javae_web_services_1_3.xsd
- javae_web_services_client_1_3.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd

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1.241 e2fsprogs 1.42.9

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===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 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 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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Theodore Ts'o
23-June-2007

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The specification of DOM Level 2's various parts is at:
http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/
http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/
http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/
http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/

The specification of DOM Level 1's various parts is at:

Links to all available W3C DOM Java Bindings can be found at:
http://www.w3.org/DOM/DOMTR

The actual classes of The Simple API for CSS (SAC) came from:
http://www.w3.org/Style/CSS/SAC/
http://www.w3.org/2002/06/sacjava-1.3.zip

The actual DOM Java Language Binding classes for SMIL came from:
http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/
(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

The actual DOM Java Language Binding classes for SVG 1.1 came from:
http://www.w3.org/TR/SVG11/java.html

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1.268 simpleclient-common 0.7.0

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1.269 e2fsprogs 1.42.9 13.el7.centos

1.269.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library 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

===================================================================
--- 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 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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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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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"
@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) $(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 $(BSD_LIB) \n$(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 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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**1.277 tomcat 7.0.76**

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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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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.

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redistribution under these terms (or, alternatively, under the terms of the
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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
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<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

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

That's all there is to it!
<sect1 id="chapter-legal">
<title id="title-legal">GStreamer Legal Issues</title>
<para>This part of the FAQ is based on a series of questions we asked the FSF
to understand how the GPL works and how patents affects the GPL. These
questions were answered by the <ulink url="http://www.fsf.org/">FSF lawyers</ulink>, so we view them as the
final interpretation on how the GPL and LGPL interact with patents in our
opinion. This consultancy was paid for by
<ulink url="http://www.fluendo.com/">Fluendo</ulink>
in order to obtain clear and quotable answers. These answers were certified
by the FSF lawyer team and verified by FSF lawyer and law professor Eben Moglen.
</para>

<&qandaset defaultlabel="qanda">
<qandaentry>
<question id="legal-distribute-three">
<para>Can someone distribute the combination of
<itemizedlist>
<li>&lt;p&gt;GStreamer, the LGPL library&lt;/p&gt;&lt;/liitem&gt;
<li>&lt;p&gt;MyPlayer, a GPL playback application&lt;/p&gt;&lt;/liitem&gt;
<li>&lt;p&gt;The binary-only Sorenson decoder&lt;/p&gt;&lt;/liitem&gt;
</itemizedlist>
together in one distribution/operating system? If not, what
needs to be changed to make this possible?
</para>
</qandaentry>
</qandaset>
This would be a problem, because the GStreamer and MyPlayer licenses would forbid it. In order to link GStreamer to MyPlayer, you need to use section 3 of the LGPL to convert GStreamer to GPL. The GPL version of GStreamer forbids linking to the Sorenson decoder. Anyway, the MyPlayer GPL license forbids this.

If the authors of MyPlayer want to permit this, we have an exception for them: the controlled interface exception from the FAQ. The idea of this is that you can't get around the GPL just by including a LGPL bit in the middle.

Note: MyPlayer is a completely fictitious application at the time of writing.

Suppose Apple wants to write a binary-only proprietary plugin for GStreamer to decode Sorenson video, which will be shipped stand-alone, not part of a package like in the question above. Can Apple distribute this binary-only plugin?

Yes, modulo certain reverse engineering requirements in section 6 of the LGPL.

If a program released under the GPL uses a library that is LGPL, and this library can dlopen plug-ins at runtime, what are the
requirements for the license of the plug-in?

</para>
</question>

<answer>

<para>
You may not distribute the plug-in with the GPL application.
Distributing the plug-in alone, with the knowledge that it will be used
primarily by GPL software is a bit of an edge case. We will not advise you
that it would be safe to do so, but we also will not advise you that it
would be absolutely forbidden.
</para>
</answer>

<qandaentry>
<question id="legal-safe-countries">
<para>
Can someone in a country that does not have software patents distribute
code covered by US patents under the GPL to people in, for example, Norway?
If he/she visits the US, can he/she be arrested?
</para>
</question>

<answer>

<para>
Yes, he can.
No, there are no criminal penalties for patent infringement in the US.
</para>
</answer>

<qandaentry>
<question id="legal-unsafe-countries">
<para>
Can someone from the US distribute software covered by
US patents under the GPL to people in Norway? To people in the US?
</para>
</question>

<answer>

<para>
This might infringe some patents, but the GPL would not forbid it
absent some actual restriction, such as a court judgement or agreement.
The US government is empowered to refuse importation of patent
infringing devices, including software.
</para>
</answer>
There are a lot of GPL- or LGPL-licensed libraries that handle media codecs which have patents. Take mad, an mp3 decoding library, as an example. It is licensed under the GPL. In countries where patents are valid, does this invalidate the GPL license for this project?

The mere existence of a patent which might read on the program does not change anything. However, if a court judgement or other agreement prevents you from distributing libmad under GPL terms, you can not distribute it at all.

The GPL and LGPL say (sections 7 and 11):
If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all.

So let's say there is a court judgement. Does this mean that the GPL license is invalid for the project everywhere, or only in the countries where it conflicts with the applicable patents?

The GPL operates on a per-action, not per-program basis. That is, if you are in a country which has software patents, and a court tells you that you cannot distribute (say) libmad in source code form, then you cannot distribute libmad at all. This doesn't affect anyone else.
<qandaentry>
<question id="legal-gpl-and-binary">
<para>
Patented decoding can be implemented in GStreamer either by having a binary-only plugin do the decoding, or by writing a plugin (with any applicable license) that links to a binary-only library. Does this affect the licensing issues involved in regards to GPL/LGPL?
</para>
</question>

<answer>
<para>
No.
</para>
</answer>
</qandaentry>

<qandaentry>
<question id="legal-gpl-patent-distribution">
<para>
Is it correct that you cannot distribute the GPL mad library to decode mp3's, *even* in the case where you have obtained a valid license for decoding mp3?
</para>
</question>

<answer>
<para>
The only GPL-compatible patent licenses are those which are open to all parties possessing copies of GPL software which practices the teachings of the patent.
</para>

<para>
If you take a license which doesn't allow others to distribute original or modified versions of libmad practicing the same patent claims as the version you distribute, then you may not distribute at all.
</para>
</answer>
</qandaentry>

1.279 c3p0 0.9.2.1
1.279.1 Available under license:

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1.280 springfox-swagger-ui 2.7.0

1.281 spring-boot-starter-web

2.1.11.RELEASE

1.281.1 Available under license:

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1.282 libtasn 4.10 1.el7

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```

1.284 libdrm 2.4.83 2.el7

1.285 jersey-common 2.28

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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).

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 ('/*').

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.

Although this context can be used directly, most developers should consider using the
\{@link AnnotationConfigServletWebServerApplicationContext\} or
\{@link XmlServletWebServerApplicationContext\} variants.

@since 2.0.0

@see AnnotationConfigServletWebServerApplicationContext
@see XmlServletWebServerApplicationContext
@see ServletWebServerFactory

/*

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  jar/org/springframework/boot/diagnostics/analyzer/BindFailureAnalyzer.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/origin/Origin.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/servlet/ServletListenerRegistrationBean.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/env/EnvironmentPostProcessor.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/ClearCachesApplicationListener.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/embedded/jetty/ServletContextInitializerConfiguration.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
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  jar/org/springframework/boot/context/properties/bind/handler/IgnoreErrorsBindHandler.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/json/GsonJsonParser.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/jackson/JsonComponent.java
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* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/web/servlet/filter/OrderedFormContentFilter.java
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* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/context/annotation/Configurations.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/task/package-info.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/admin/SpringApplicationAdminMXBeanRegistrar.java
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  jar/org/springframework/boot/logging/logback/WhitespaceThrowableProxyConverter.java
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  jar/org/springframework/boot/web/embedded/tomcat/ConfigurableTomcatWebServerFactory.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/Banner.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/jta/atomikos/package-info.java
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  jar/org/springframework/boot/web/embedded/logback/SpringPropertyAction.java
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  jar/org/springframework/boot/web/embedded/undertow/ConfigurableUndertowWebServerFactory.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/server/ConfigurableWebServerFactory.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/Banner.java
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  jar/org/springframework/boot/security/package-info.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/servlet/error/package-info.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/context/properties/ConfigurationPropertiesBindHandlerAdvisor.java
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  jar/org/springframework/boot/context/properties/ConfigurationPropertiesSource.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/server/LocalServerPort.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/servlet/MultipartConfigFactory.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/servlet/ServletComponentScan.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/context/properties/ConfigurationProperties.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/ServletComponentScan.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/web/embedded.tomcat/TomcatStarter.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
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  jar/org/springframework/boot/jta/atomikos/package-info.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2-
  jar/org/springframework/boot/jta/BitronixXADataSourceWrapper.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/web/servlet/AbstractFilterRegistrationBean.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/convert/DurationUnit.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/convert/DelimitedStringToCollectionConverter.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/diagnostics/analyzer/InvalidConfigurationPropertyNameFailureAnalyzer.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/web/servlet/WebServletHandler.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/task/TaskExecutorCustomizer.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/SpringBootExceptionHandler.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/context/properties/bind/handler/NoUnboundElementsBindHandler.java
* /opt/cola/permits/1137623241_1614109449.78/0/spring-boot-2-1-11-release-sources-2.jar/org/springframework/boot/context/properties/bind/Binder.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).

* 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 ('/*').

* 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.

* 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
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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* /opt/cola/permits/1137623243_1614109410.68/0/spring-boot-2-2-7-release-sources-1-jar/org/springframework/boot/web/servlet/context/ServletWebServerApplicationContext.java

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1.299 json-c 0.13.1

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1.300 jackson-dataformat-yaml 2.8.9
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
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*
* @(#)bitstring.h 8.1 (Berkeley) 7/19/93
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1.304 springfoxswagger 2.7.0

1.305 converter-jackson 2.5.0

1.306 libpng 1.5.13
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Manifest-Version: 1.0
Export-Package: io.jsonwebtoken;version="0.9.1",io.jsonwebtoken.lang;version="0.9.1"
Implementation-Title: JSON Web Token support for the JVM
Implementation-Version: 0.9.1
Built-By: lhazlewood
Tool: Bnd-3.3.0.201609221906
Bundle-Name: JSON Web Token support for the JVM
Created-By: Apache Maven Bundle Plugin
Implementation-URL: https://github.com/jwtk/jjwt
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Implementation-Vendor-Id: io.jsonwebtoken
Bundle-Version: 0.9.1
Build-Jdk: 1.7.0_80
Bnd-LastModified: 1530831044984
Bundle-ManifestVersion: 2
Specification-Title: JSON Web Token support for the JVM
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-Description: Sonatype helps open source projects to set up Maven repositories on https://oss.sonatype.org/
Bundle-SymbolicName: io.jsonwebtoken.jjwt
Import-Package: android.util;resolution:=optional,org.bouncycastle.jce
:resolution:=optional;version="[1.56,2)",org.bouncycastle.jce.spec;resolution:=optional;version="[1.56,2)",com.fasterxml.jackson.core;version="[2.9,3)",com.fasterxml.jackson.datatype.jaxb;version="[2.9,3)",io.jsonwebtoken.lang,java.crypto,java.crypto.spec,java.xml.bind
Specification-Version: 0.9.1

Found in path(s):
* /opt/cola/permits/1227291717_163673529.67/0/jjwt-0-9-1-jar/META-INF/MANIFEST.MF

1.325 rsyslog 8.24.0 16.el7

1.325.1 Available under license :

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PLY is yet another implementation of lex and yacc for Python. Some notable features include the fact that it is implemented entirely in Python and it uses LALR(1) parsing which is efficient and well suited for larger grammars.

PLY provides most of the standard lex/yacc features including support for empty productions, precedence rules, error recovery, and support for ambiguous grammars.

PLY is extremely easy to use and provides very extensive error checking. It is compatible with both Python 2 and Python 3.

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Introduction
===========

PLY is a 100% Python implementation of the common parsing tools lex
and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
  If you know how to use these tools in C, you will find PLY
to be similar.

- PLY provides *very* extensive error reporting and diagnostic
  information to assist in parser construction. The original
  implementation was developed for instructional purposes. As
  a result, the system tries to identify the most common types
  of errors made by novice users.

- PLY provides full support for empty productions, error recovery,
  precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient,
  better suited to large grammars, and which has a number of nice
  properties when dealing with syntax errors and other parsing problems.
  Currently, PLY builds its parsing tables using the LALR(1)
  algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers.
  This greatly simplifies the task of parser construction since it reduces
  the number of files and eliminates the need to run a separate lex/yacc
  tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use
==========

PLY consists of two files: lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

    import ply.lex as lex
    import ply.yacc as yacc

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

    import lex
    import yacc

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements
============

PLY requires the use of Python 2.2 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources
=========

More information about PLY can be obtained on the PLY webpage at:

    http://www.dabeaz.com/ply
For a detailed overview of parsing theory, consult the excellent book "Compilers: Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

A Google group for PLY can be found at

http://groups.google.com/group/ply-hack

Acknowledgments
===============
A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-). The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0
========================
PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.2 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

Example
=======

Here is a simple example showing a PLY implementation of a calculator with variables.

```
# calc.py
#
# A simple calculator with variables.
tokens = (              
    'NAME','NUMBER',   
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',  
    'LPAREN','RPAREN', 
)

# Tokens
```
```python
t_PLUS    = r'\+'
t_MINUS   = r'-'
t_TIMES   = r'\*'
t_DIVIDE  = r'/'
t_EQUALS  = r'='
t_LPAREN  = r'\('
t_RPAREN  = r'\)'
t_NAME    = r'[a-zA-Z_][a-zA-Z0-9_]*'
def t_NUMBER(t):
    r'^d+'
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \
"

def t_newline(t):
    r'^n+ '
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence rules for the arithmetic operators
precedence = ( ('left','PLUS','MINUS'), ('left','TIMES','DIVIDE'), ('right','UMINUS'), )

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    ...
```

expression : expression PLUS expression  
            | expression MINUS expression  
            | expression TIMES expression  
            | expression DIVIDE expression


def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p[1])

import ply.yacc as yacc
yacc.yacc()

while 1:
    try:
        s = raw_input('calc > ')  # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)

Bug Reports and Patches
======================

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or
patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

In addition there is a Google group for discussing PLY related issues at

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-- Dave

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* https://github.com/eclipse-ee4j/jersey

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1.342 libcap-ng 0.7.5 4.el7
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.343 curl 7.29.0

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NSS http://www.mozilla.org/projects/security/pki/nss/

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axTLS http://axtls.sourceforge.net/

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c-ares http://daniel.haxx.se/projects/c-ares/license.html

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style
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krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos http://web.mit.edu/kerberos/www/dist/

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

Heimdal http://www.pdc.kth.se/heimdal/

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GNU GSS http://www.gnu.org/software/gss/

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume that it uses the OpenSSL license and thus shares the same issues as described for OpenSSL above.

libidn http://josefsson.org/libidn/

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

OpenLDAP http://www.openldap.org/software/release/license.html

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.
libssh2 http://www.libssh2.org/

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

[2] = http://www.fsf.org/licenses/gpl-faq.html#GPLIncompatibleLibs details on how to write such an exception to the GPL

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1.344.1 Available under license:

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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/util/ref/FinalizableWeakReference.java

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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/ByteBufferMemoryIO.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/AbstractX86StubCompiler.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/annotations/In.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/LibraryLoader.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/CodegenUtils.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/annotations/Meta.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/byref/ByReference.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/byref/AbstractReference.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/platform/mips/linux/TypeAliases.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/key_t.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/ino_t.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/time_t.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/Util.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/converters/Pointer64ArrayParameterConverter.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/mapper/FromNativeType.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/jffi/NoTrace.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/annotations/Encoding.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/int16_t.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/mapper/StorageTypeMapperAdapter.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/converters/BoxedShortArrayParameterConverter.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/provider/converters/BufferedStringParameterConverter.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/mapper/ShortParameterConverter.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/fsfilcnt_t.java
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* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/fsfilcnt64_t.java
* /opt/cola/permits/1130440205_1612575496.31/0/jnr-ffi-2-2-1-sources-1-jar/jnr/ffi/types/fsfilcnt64_t.java
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README for release 6b of 27-Mar-1998
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DOCUMENTATION ROADMAP
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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVELOCATIONS Where to find newer versions of this software.
RELATEDSOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
               rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.
OVERVIEW
========

This package contains C software to implement JPEG image compression and
decompression. JPEG (pronounced "jay-peg") is a standardized compression
method for full-color and gray-scale images. JPEG is intended for compressing
"real-world" scenes; line drawings, cartoons and other non-realistic images
are not its strong suit. JPEG is lossy, meaning that the output image is not
exactly identical to the input image. Hence you must not use JPEG if you
have to have identical output bits. However, on typical photographic images,
very good compression levels can be obtained with no visible change, and
remarkably high compression levels are possible if you can tolerate a
low-quality image. For more details, see the references, or just experiment
with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive
compression processes. Provision is made for supporting all variants of these
processes, although some uncommon parameter settings aren't implemented yet.
For legal reasons, we are not distributing code for the arithmetic-coding
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We provide a set of library routines for reading and writing JPEG image files,
plus two sample applications "cjpeg" and "djpeg", which use the library to
perform conversion between JPEG and some other popular image file formats.
The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included
considerable functionality beyond the bare JPEG coding/decoding capability;
for example, the color quantization modules are not strictly part of JPEG
decoding, but they are essential for output to colormapped file formats or
colormapped displays. These extra functions can be compiled out of the
library if not required for a particular application. We have also included
"jpegtran", a utility for lossless transcoding between different JPEG
processes, and "rdjpgcom" and "wrjpgcom", two simple applications for
inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and
flexibility, while also making it fast enough to be useful. In particular,
the software is not intended to be read as a tutorial on JPEG. (See the
REFERENCES section for introductory material.) Rather, it is intended to
be reliable, portable, industrial-strength code. We do not claim to have
achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
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REFERENCES
==========

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 numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.
The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com 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
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RELATED SOFTWARE
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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free 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
=====

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.

1.353 opus 1.0.2 6.el7

1.354 jackson-databind 2.9.9.2
1.354.1 Available under license:

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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.salaranta@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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1.355 icu 50.1.2 15.el7

1.355.1 Available under license:

## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(@C) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(@CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIE
## 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/(\$/\n)\o: ]*[\\^A^l\o: /g\" > $@;\n  \[ -s $@ ] || rm -f $@'\n
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $<\n| sed \"s/(\$/\n)\o: ]*[\\^A^l\o: /g\" > $@;\n  \[ -s $@ ] || rm -f $@'\n
## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s $<F $@
1.356 jackson-dataformat-xml 2.10.4
1.356.1 Available under license :

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1.357 chkconfig 1.7.4-1.el7.centos
1.357.1 Available under license :

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## Source Code

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* https://github.com/eclipse-ee4j/glassfish-ha-api
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* https://github.com/eclipse-ee4j/glassfish-shoal
* https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
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* https://github.com/eclipse-ee4j/glassfish-hk2-extra
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### 1.366 yum 3.4.3 161.el7.centos

#### 1.366.1 Available under license :

```
diff --git a/yum/update_md.py b/yum/update_md.py
--- a/yum/update_md.py 2015-01-19 07:44:35.567107008 -0500
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
    except Errors.RepoMDLError:
        continue # No metadata found for this repo

+    self.arch_storage = ArchStorage()
+    self.archlist = self.arch_storage.archlist
+
+    def get_notices(self, name=None):
+        """ Return all notices. """
        if name is None:
@@ -434,16 +438,29 @@ class UpdateMetadata(object):
            name = oldpkgtup[0]
            arch = oldpkgtup[1]
            ret = []
+        other_arch_list = []
+        notices = set()
        for notice in self.get_notices(name):
            for upkg in notice['pkglist']:
                for pkg in upkg['packages']:
```
+ other_arch = False
- if pkg['name'] != name or pkg['arch'] != arch:
+ continue
- if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):
+ other_arch = True
+ else:
+ continue
+ pkgtup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
pkg['version'], pkg['release'])
if _rpm_tup_vercmp(pkgtup, oldpkgtup) <= 0:
- continue
+ ret.append((pkgtup, notice))
+ if other_arch:
+ other_arch_list.append((pkgtup, notice))
+ else:
+ ret.append((pkgtup, notice))
+ notices.add(notice)
+ for pkgtup, notice in other_arch_list:
+ if notice not in notices:
+ ret.append((pkgtup, notice))
ret.sort(cmp=_rpm_tup_vercmp, key=lambda x: x[0], reverse=True)
return ret

diff -up yum-3.4.3/yum/update_md.py.old yum-3.4.3/yum/update_md.py
+++ yum-3.4.3/yum/update_md.py2015-05-28 19:24:05.971806965 +0200
@@ -33,6 +33,7 @@ import Errors
import logginglevels

+from rpmUtils.arch import ArchStorage

def safe_iterparse(filename, logger=None):
diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org2017-01-24 18:55:03.529842775 +0100
@@ -58,7 +58,7 @@ class UpdateNotice(object):
A single update notice (for instance, a security fix).

- def __init__(self, elem=None):
+ def __init__(self, elem=None, repoid=None, vlogger=None):
    self._md = {
        'from'     : ",
        'type'     : ",
@@ -83,6 +83,9 @@ class UpdateNotice(object):
    if elem:
self._parse(elem)

+ self._repoid = repoid
+ self._vlogger = vlogger
+
+ def __getitem__(self, item):
+     """ Allows scriptable metadata access (ie: un['update_id']). """
+     if type(item) is int:
+         return un[item]
+     else:
+         return '<unknown>'
+
+ def _rid(un):
+     if hasattr(un, '_repoid') and un._repoid is not None:
+         return un._repoid
+     else:
+         return '<unknown>'
+
+ def _log_failure(data):
+     """Log the mismatched data similarly to conflict markers in git."""
+     if self._vlogger is None:
+         return
+     msg = _('Duplicate of %s differs in some fields:
')
+     msg += '<<<<<<< %s:%s
' % (_rid(other), data)
+     msg += '%r
=======
%r
' % (other._md[data], self._md[data])
+     msg += '>>>>>>> %s:%s' % (_rid(self), data)
+     # --verbose mode enables this
+     self._vlogger.log(logging.DEBUG_3, msg)
+
+ if not other or not hasattr(other, '_md'):
+     return False
+
+ if data == 'status': # FIXME: See below...
+     continue
+ if self._md[data] != other._md[data]:
+     _log_failure(data)
+     return False
+ # FIXME: Massive hack, Fedora is really broken and gives status=stable
+ # and status=testing for updateinfo notices, just depending on which
+ if other._md[data] not in ('stable', 'testing'):
+ _log_failure(data)
    return False
    # They are both really "stable" ...
    self._md[data] = 'stable'
@ @ -574.7 +598.7 @@ class UpdateMetadata(object):
    for event, elem in safe_iterparse(infile, logger=self._logger):
        if elem.tag == 'update':
            try:
                - un = UpdateNotice(elem)
                + un = UpdateNotice(elem, repoid, self._vlogger)
                except UpdateNoticeException, e:
                    msg = _("An update notice%s is broken, skipping.") % _rid(repoid)
                    if self._vlogger:
                        msg += _('
                        have_dup = True
                        if self._vlogger:
                            self._vlogger.warn("%s", msg)

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    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
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
slave/kpropd_rpc.c
slave/kproblog.c
```

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* 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 Kluyver <thomas@kluyver.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.iitd@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

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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1.378 less 458 9.el7.centos

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1.381 bzip2 1.0.6

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Julian Seward, Cambridge, UK.
jseward@acm.org
bzip2/libbzip2 version 1.0.2 of 30 December 2001

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minibz2
libb2.dll test program.
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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]
*/

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* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/TextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/password/NoOpPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/util/EncodingUtils.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/AesBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/HexEncodingTextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
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* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesCbcBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/keygen/BytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/keygen/HexEncodingStringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesGcmBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/crypto/encrypt/BytesEncryptor.java

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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
 * {@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.
 *
 * @author Ben Alex
 * @since 2.0.1
 */

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* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/authentication/event/AuthenticationFailureCredentialsExpiredEvent.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/access/AfterInvocationProvider.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/authentication/event/AuthenticationFailureProviderNotFoundEvent.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/core/userdetails/jdbc/JdbcDaoImpl.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/access/AccessDecisionVoter.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/core/userdetails/memory/UserAttributeEditor.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/access/SecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/access/intercept/aspectj/AspectJCallback.java
* /opt/ws_local/PERMITS_SQL/1070864140_1594759179.92/0/spring-security-core-5.2.4-release-sources-jar/org/springframework/security/authentication/jaas/JaasAuthenticationCallbackHandler.java
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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}.
* 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 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.
* 
* @author Ben Alex
*/

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jar/org/springframework/security/access/prepost/PrePostAdviceReactiveMethodInterceptor.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/crypto/password/MessageDigestPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/crypto/password/DelegatingPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/core/userdetails/ReactiveUserDetailsPasswordService.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/jackson2/BadCredentialsExceptionMixin.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/core/Transient.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/crypto/keygen/Base64StringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
jar/org/springframework/security/concurrent/DelegatingSecurityContextRunnable.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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*/
/**
* Base64 encoder which is a reduced version of Robert Harder's public domain
* implementation (version 2.3.7). See <a
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* <p>
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* *
* @author Luke Taylor
* @since 3.0
* @deprecated Use java.util.Base64
*/

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* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-
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*/
/**
 * Determines if the {@link #getAuthentication()} has permission to access the target
 * given the permission
 * @param target the target domain object to check permission on
 * @param permission the permission to check on the domain object (i.e. "read",
 * "write", etc).
 * @return true if permission is granted to the {@link #getAuthentication()}, else
 * false
 */

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* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/authentication/jaas/AbstractJaasAuthenticationProvider.java
* /opt/ws_local/PERMITS_SQL/1070861410_1594759179.92/0/spring-security-core-5-2-4-release-sources-jar/org/springframework/security/authentication/jaas/memory/InMemoryConfiguration.java

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this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if
you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link a program with the library, you must provide
complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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 interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.
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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

   (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user’s freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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

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

@page
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Signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
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This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

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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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1.387 pyxattr 0.5.1
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* 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.
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org.ow2.asm:asm-commons
org.ow2.asm:asm

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

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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

1.402 jersey-entity-filtering 2.29.1

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## Source Code

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* https://github.com/eclipse-ee4j/jersey

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1.407 quota 4.01 17.el7
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*/

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* /opt/ws_local/PERMITS_SQL/1046144794_1589880088.21/0/junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/Closeables.java
* /opt/ws_local/PERMITS_SQL/1046144794_1589880088.21/0/junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXSocket.java
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* /opt/ws_local/PERMITS_SQL/1046144794_1589880088.21/0/junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXSocketImpl.java
* /opt/ws_local/PERMITS_SQL/1046144794_1589880088.21/0/junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/SuppressFBWarnings.java
* /opt/ws_local/PERMITS_SQL/1046144794_1589880088.21/0/junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/NativeUnixSocket.java
* /opt/ws_local/PERMITS_SQL/1046144794_1589880088.21/0/junixsocket-common-2-3-2-sources-jar/org/newsclub/net/unix/AFUNIXSocketFactory.java

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1.411 jersey-bean-validation 2.25.1

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1.412 boost 1.53.0 27.el7

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All the value based traits in this library conform to MPL’s requirements for an Integral Constant type that includes a number of rather intrusive workarounds.
for broken compilers.
</p>

<p>Purely as an implementation detail, this means that `<code class="computeroutput">true_type</code>` inherits from `<code class="computeroutput">boost</code>`, `<code class="computeroutput">false_type</code>` inherits from `<code class="computeroutput">false</code>`, and `<code class="computeroutput">integral_constant</code>` inherits from `<code class="computeroutput">integral_constant</code>` (provided `<code class="computeroutput">T</code>` is not `<code class="computeroutput">bool</code>`)</p>

</div>
Boost.Geometry (aka GGL, Generic Geometry Library)

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<ulink url="mailto:jeff@crystalclearsoftware.com">Jeff Garland</ulink> &amp;#169; 2000-2002

</section>

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@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 Dossier 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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#include <cstddef>
namespace boost {
namespace interprocess {
namespace ipcdetail {

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_>

namespace boost {
namespace interprocess {
namespace ipcdetail {

# ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
# define BOOST_INTERPROCESS_DETAIL_MPL_HPP

# if (defined _MSC_VER) && (_MSC_VER >= 1200)
  # pragma once
# endif

# include <cstddef>

namespace boost {
namespace interprocess {
namespace ipcdetail {

  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_>

--- end ---

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//

#define BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
  #pragma once
#endif

#include <cstddef>

namespace boost {
namespace interprocess {
namespace ipcdetail {

  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_>

--- end ---
{  
  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 <class T, class U>  
class is_convertible  
{  
  typedef char true_t;  
  class false_t { char dummy[2]; };  
  static true_t dispatch(U);  
  static false_t dispatch(...);  
  static T trigger();  
  public:  
    static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);  
};

template<  
  bool C  
, typename T1  
, typename T2  
>  
struct if_c
```cpp
{ 
    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 <class Pair>
struct select1st
//   : public std::unary_function<Pair, typename Pair::first_type>
{ 
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    {  return x.first;   }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    {  return x;   }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
//   : public std::unary_function<T,T>
{ 
    typedef T type;
    const T& operator()(const T& x) const
    { return x;  } 
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
//   : public std::unary_function<T,T>
{ 
    typedef T type;
    const T& operator()(const T& x) const
    { return x;  } 
};

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; }

} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {

#endif   //#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
```

---

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---

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```
// Boost.Geometry (aka GGL, Generic Geometry Library)

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// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

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```
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and comments are changed accordingly.
Index: boost/mpl/print.hpp
===================================================================
--- boost/mpl/print.hpp	(revision 83411)
+++ boost/mpl/print.hpp	(working copy)
@@ -45,22 +45,21 @@
: mpl::identity<T>
#if defined(__MWERKS__)
 , aux::print_base
-#endif
+#endif
{ 
#if defined(BOOST_MSVC)
 enum { n = sizeof(T) + -1 };
#elif defined(__MWERKS__)
 void f(int);
-#else
-    enum {
-        n =
-# if defined(__EDG_VERSION__)
-           aux::dependent_unsigned<T>::value > -1
-# else
-           sizeof(T) > -1
-# endif
-    };
-#endif
+#elif defined(__EDG_VERSION__)
+ enum { n = aux::dependent_unsigned<T>::value > -1 };
+#else
+    enum { n1 };
+    enum { n2 };
+ enum { n = n1 != n2 };
+#else
+ enum { n = sizeof(T) > -1 };
+endif
#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
#pragma once
#endif

#include <cstddef>

namespace boost {
namespace container {
namespace container_detail {

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_;
    operator bool() const { return bool_::value; }
};

typedef bool_<true>        true_;
typedef bool_<false>       false_;
typedef true_  true_type;
typedef false_ false_type;

};
}
}
}

#endif BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
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 B, class T = void>
struct disable_if_c : public enable_if_c<!B, T> {}; 

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; }; 
    static true_t dispatch(U); 
    static false_t dispatch(...);
    static T trigger(); 
    public:
    enum { value = sizeof(dispatch(trigger())) == sizeof(true_t) }; 
};

template<
    bool C
    , typename T1
    , typename T2
>
struct if_c
{
    typedef T1 type;
};

template<
    typename T1
    , typename T2
>
```cpp
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 <class Pair>
struct select1st
//   : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    {  return x.first;  }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    {  return x;  }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
//   : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    { return x;  }
};

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;
};
template <typename T> struct unvoid { typedef T type; };
template <> struct unvoid<void> { struct type { }; };
template <> struct unvoid<const void> { struct type { }; };
} //namespace container_detail {
} //namespace container {
} //namespace boost {
#endif //#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/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>
<year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
</copyright>
<copyright>
<year>2018</year> <holder>Joe Blow, John Coe</holder>
</copyright>
<copyright>
<year>1977</year> <year>1985</year> <holder>Someone else</holder>
</copyright>
</articleinfo>
</article>
[article Invalid copyright years
[quickbook 1.5]
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]
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// http://www.boost.org/LICENSE_1_0.txt)
//
#

#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#include <boost/intrusive/detail/config_begin.hpp>
#include <cstddef>

namespace boost {
namespace intrusive {
namespace detail {

type char one;
struct two {one _[2];};

template< bool C_ >
struct `bool_`
{
    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 F, class Param>
struct apply
{
    typedef typename F::template apply<Param>::type type;
};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static const T &trigger();
    public:
    static const `bool` value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

template<
    `bool` C
```cpp
, 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 C
, typename T1
, typename T2
>
struct if_
{
  typedef typename if_c<0 != C::value, T1, T2>::type type;
};

template<
  bool C
, typename F1
, typename F2
>
struct eval_if_c
  : if_<C,F1,F2>::type
{};

template<
  typename C
, typename T1
, typename T2
>
struct eval_if
  : if_<C,T1,T2>::type
{};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
```
typedef T type;
};

#if defined(BOOST_MSVC) || defined(__BORLANDC__)
#define BOOST_INTRUSIVE_TT_DECL __cdecl
#else
#define BOOST_INTRUSIVE_TT_DECL
#endif

#if defined(_MSC_EXTENSIONS) && !defined(__BORLAND__) &&
!defined(UNDER_CE)
#define BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS
#endif

template <typename T>
struct is_unary_or_binary_function_impl
{
  static const bool value = false;
};

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (*)()>
{
  static const bool value = true;
};

template <typename R>
struct is_unary_or_binary_function_impl<R (*)(...)>
{
  static const bool value = true;
};
#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (__stdcall*)()>
{
  static const bool value = true;
};
#ifndef _MANAGED

template <typename R>
struct is_unary_or_binary_function_impl<R (__fastcall*)()>
{
  static const bool value = true;
};
#endif

#define _MANAGED

template <typename R>
struct is_unary_or_binary_function_impl<R (__fastcall*)()>
{
  static const bool value = true;
};
#endif

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)()>
{
  static const bool value = true;
};

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)()>
{
  static const bool value = true;
};
#endif
template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)(...)>
{  static const bool value = true;  };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0)>
{  static const bool value = true;  };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0...)>
{  static const bool value = true;  };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0)>
{  static const bool value = true;  };

#ifndef _MANAGED

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0)>
{  static const bool value = true;  };

#endif

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0)>
{  static const bool value = true;  };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0...)>
{  static const bool value = true;  };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1)>
{  static const bool value = true;  };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1...)>
{  static const bool value = true;  };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0, T1)>
{  static const bool value = true;  };

#ifndef _MANAGED

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0, T1)>
{  static const bool value = true;  };
#endif

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1)>  
{  static const bool value = true;  };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1...)>
{  static const bool value = true;  };
#endif

template <typename T>
struct is_unary_or_binary_function_impl<T&>
{  static const bool value = false;  };

template<typename T>
struct is_unary_or_binary_function
{  static const bool value = is_unary_or_binary_function_impl<T>::value;   };

//boost::alignment_of yields to 10K lines of preprocessed code, so we
//need an alternative

template <typename T> struct alignment_of;

template <typename T>
struct alignment_of_hack
{  char c;
    T t;
    alignment_of_hack();
};
template <unsigned A, unsigned S>
struct alignment_logic
{
    static const std::size_t value = A < S ? A : S;
};

template< typename T >
struct alignment_of
{
    static const std::size_t value = alignment_logic
        < sizeof(alignment_of_hack<T>) - sizeof(T)
        , sizeof(T)
        >::value;
};

template <typename T, typename U>
struct is_same
{
    typedef char yes_type;
    struct no_type
    {
        char padding[8];
    };

    template <typename V>
    static yes_type is_same_tester(V*, V*);
    static no_type is_same_tester(...);

    static T *t;
    static U *u;

    static const bool value = sizeof(yes_type) == sizeof(is_same_tester(t,u));
};

template<typename T>
struct add_const
{
    typedef const T type;
};

template<typename T>
struct remove_const
{
    typedef T type;
};

template<typename T>
struct remove_const<const T>
{
    typedef T type;
};
template<typename T>
struct remove_cv
{  typedef T type;  };

template<typename T>
struct remove_cv<const T>
{  typedef T type;  };

template<typename T>
struct remove_cv<const volatile T>
{  typedef T type;  };

template<typename T>
struct remove_cv<volatile T>
{  typedef T type;  };

template<class T>
struct remove_reference
{  
    typedef T type;  
};

template<class T>
struct remove_reference<T&>
{  
    typedef T type;  
};

template<class Class>
class is_empty_class
{  
    template<typename T>
    struct empty_helper_t1 : public T
    {  
        empty_helper_t1();
        int i[256];
    };

    struct empty_helper_t2
    {  
        int i[256];  
    };

    public:
    static const bool value = sizeof(empty_helper_t1<Class>) == sizeof(empty_helper_t2);
};

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;
};

#endif //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]: that includes a number of
rather intrusive
workarounds for broken compilers.

Purely as an implementation detail, this
means that `__true_type` inherits from [Integral Constant type],
`__false_type` inherits
from [Integral Constant type], and `__integral_constant<T, v>` inherits from
[Integral Constant type] (provided `T` is not `bool`)

[endsect]

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http://www.boost.org/LICENSE_1_0.txt).
]
/*
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* LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
*
*/

#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>

//
// 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)
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());
    }

    os << "</title>
    "</head>
    "<body>
    
    if(!m_bsl_summary_mode)
    {
        os << "<a href="#summary">Licence Summary</a>";
    }

    os << "<p><a href="#input">Input Information</a>

while(i != j)
{
   // title:
   os << "<a href="#" make_link_target(licenses.first[i->first].license_name)"/></a>" << licenses.first[i->first].license_name << "</a>\n";
   ++i;
}

os << "<a href="#files">Files with no recognised license</a>\n"
"<a href="#authors">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{
   os <<
"Moving to the Boost Software License...\n"
" "<a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>\n"
" "<a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>\n"
" "<a href="#not-to-bsl">Files that can NOT be moved to the Boost Software License</a>\n"
" "<a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>\n"
" "<a href="#copyright">Copyright Holder Information</a>\n";
}

os <<
"<a href="#depend">File Dependency Information</a>\n"
"</pre>";

//
// input Information:
//
os << "<a name="input"></a><h2>Input Information</h2>";
if(m_scan_mode)
   os << "The following files were scanned for boost dependencies:<BR>";
else
   os << "The following Boost modules were checked:<BR>";

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;
}

os << "The Boost path was: <code>" << m_boost_path.string() << "</code></P>";
//
// 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:]*#defines[[:blank:]]+BOOST_VERSION[[:blank:]]+([\d]+)\n+";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 % 1000 << "," << version % 100 << "</P>
;}

// 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>
;os << "</P></BLOCKQUOTE>";
++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 << "<a name="summary"></a><h2>Licence Details</h2>
;while(i != j)
"<H3><A 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>
    <BLOCKQUOTE><P>
    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>
    <BLOCKQUOTE><P>
    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
{
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "<P>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">Files With No Recognisable Licence</a></h2>\n"
    "<P>The following " << m_unknown_licenses.size() << " files had no recognisable license information:</P>" << "</BLOCKQUOTE>";
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>
";<p>The following " << m_unknown_authors.size() << " files had no recognisable copyright holder:
";</p>

i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while (i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}

os << "</p></BLOCKQUOTE>";

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>
";

    if (!m_converted_to_bsl.empty())
    {
        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) << "<br>\n";

            i->second.first << "</tt><br>\n";

            ++i;
            ++file_num;
        }
    }
}
// Output list of files that could be moved over to the Boost Software License
//
os << "<h2><a name="to-bsl"></a>Files that could be converted to the Boost Software License</h2><p>
The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost Software License, but have not yet been:" << BLOCKQUOTE << "</p>";

i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>
    ++i2;
}

os << "</p></BLOCKQUOTE>";

// Output list of files that can not be moved over to the Boost Software License
//
os << "<h2><a name="not-to-bsl"></a>Files that can NOT be converted to the Boost Software License</h2><p>
The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:" << BLOCKQUOTE << "</p>";

i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>
    ++i2;
}

os << "</p></BLOCKQUOTE>";

// Output list of authors that we need permission for to move to the BSL
//
os << "<h2><a name="need-bsl-authors"></a>Authors we need for the BSL</h2><p>
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>.<br>
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "<br>
"));

os << "</p></BLOCKQUOTE>";

// output a table of copyright information:
//
os << "<h2><a name="copyright"></a>Copyright Holder Information</h2><table border="1"">";
std::map<std::string, std::set<fs::path, path_less>> const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
os << "<tr><td>" << ad->first << " </td><td>
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = ad->second.begin();
efi = ad->second.end();
while (fi != efi)
{
    os << split_path(m_boost_path, *fi) << " ";
    ++fi;
}
os << " </td></tr>
++ad;
}
os << "</table>

// output file dependency information:

//

os << "<H2><a name="depend"></a>File Dependency Information</H2><BLOCKQUOTE><pre>
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
    bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
    bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
    bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
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();
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>

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);
}

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1.414 python-iniparse 0.4 9.el7.centos

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iniparse/compat.py and tests/test_compat.py contain code derived from
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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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2.3.2 2.3.1 2002-2003 PSF yes
2.3.3 2.3.2 2002-2003 PSF yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
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import org.eclipse.persistence.descriptors.ClassDescriptor;
import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.sessions.*;
import org.eclipse.persistence.queries.ObjectBuildingQuery;

 /**
 * <p>Purpose</p>: Allows customization of how an object is cloned.
 * This class defines common behavior that allows a subclass to be used
* and set on a descriptor to provide a special cloning routine for how an object
* is cloned in a unit of work.
 */
public abstract class AbstractCopyPolicy implements CopyPolicy {
    protected ClassDescriptor descriptor;

    public AbstractCopyPolicy() {
        super();
    }

    public abstract Object buildClone(Object domainObject, Session session) throws DescriptorException;

    /**
     * By default use the buildClone.
     */
    public Object buildWorkingCopyClone(Object domainObject, Session session) throws DescriptorException {
        return buildClone(domainObject, session);
    }

    /**
     * By default create a new instance.
     */
    public Object buildWorkingCopyCloneFromRow(Record row, ObjectBuildingQuery query, Object primaryKey,
       UnitOfWork uow) throws DescriptorException {
        return this.descriptor.getObjectBuilder().buildNewInstance();
    }

    /**
     * INTERNAL:
     * Clones the CopyPolicy
     */
    public Object clone() {
        try {
            // clones itself
            return super.clone();
        } catch (Exception exception) {
        }
        return null;
    }

    /**
     * Return the descriptor.
     */
    protected ClassDescriptor getDescriptor() {
        return descriptor;
    }

    /**
public void initialize(Session session) throws DescriptorException {
    // Do nothing by default.
}

/**
 * Set the descriptor.
 */
public void setDescriptor(ClassDescriptor descriptor) {
    this.descriptor = descriptor;
}

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package org.eclipse.persistence.descriptors.copying;

import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.internal.descriptors.PersistenceObject;
import org.eclipse.persistence.internal.helper.*;
import org.eclipse.persistence.sessions.*;

/**
 * <p><b>Purpose</b>: This is the default copy policy when weaving is used.
 * 
 * It creates a copy by creating a shallow clone of the object using the weaved _persistence_shallow_clone() method.
 * */
public class PersistenceEntityCopyPolicy extends AbstractCopyPolicy {
    public PersistenceEntityCopyPolicy() {
        super();
    }

    public Object buildWorkingCopyClone(Object object, Session session) throws DescriptorException {
        return ((PersistenceObject)object)._persistence_shallow_clone();
    }

    public Object buildClone(Object object, Session session) throws DescriptorException {

public boolean buildsNewInstance() {
    return false;
}

public String toString() {
    return Helper.getShortClassName(this) + "()";
}

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package org.eclipse.persistence.descriptors.copying;

import java.lang.reflect.*;
import java.security.AccessController;
import java.security.PrivilegedActionException;
import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.internal.helper.*;
import org.eclipse.persistence.queries.ObjectBuildingQuery;
import org.eclipse.persistence.sessions.*;
import org.eclipse.persistence.internal.sessions.AbstractRecord;
import org.eclipse.persistence.internal.descriptors.ObjectBuilder;
import org.eclipse.persistence.internal.security.PrivilegedAccessHelper;
import org.eclipse.persistence.internal.security.PrivilegedMethodInvoker;

/**
 * <p><b>Purpose</b>: Allows a clone of an object to be created with a method that returns
 * the cloned object.
 *
 * It is possible to define methods for two types of clones
 *
 * 1. methodName can be set to define the method EclipseLink uses to clone objects for it's
 * own internal use. The objects created by this method will not be visible to the user, and
 * instead used as a basis for comparison when a DeferredChangeDetectionPolicy used. This method will
 * also be in place of the workingCopyMethod if it is not provided
 */

* 2. workingCopyMethod this method is used to create the clone that is returned to the user when an
* Object is registered in a UnitOfWork
*/

public class CloneCopyPolicy extends AbstractCopyPolicy {

/** Allow for clone method to be specified. */
protected String methodName;
protected String workingCopyMethodName;
protected transient Method method;
protected transient Method workingCopyMethod;

public CloneCopyPolicy() {
    super();
}

/**
* Clone through calling the clone method.
*/
public Object buildClone(Object domainObject, Session session) throws DescriptorException {
    // Must allow for null clone method for 9.0.4 deployment XML.
    if (this.getMethodName() == null) {
        return getDescriptor().getObjectBuilder().buildNewInstance();
    }
    try {
        if (PrivilegedAccessHelper.shouldUsePrivilegedAccess()) {
            try {
                return AccessController.doPrivileged(new PrivilegedMethodInvoker(this.getMethod(), domainObject,
                    new Object[0]));
            } catch (PrivilegedActionException exception) {
                throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
                    this.getDescriptor(), exception);
            } else {
                throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
                    this.getDescriptor(), exception);
            }
        } else {
            return PrivilegedAccessHelper.invokeMethod(this.getMethod(), domainObject, new Object[0]);
        }
    } catch (IllegalAccessException exception) {
        throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
            this.getDescriptor(), exception);
    } catch (InvocationTargetException exception) {
        throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
            this.getDescriptor(), exception);
    }
}
/**
 * Clone through the workingCopyClone method, or if not specified the clone method.
 */

public Object buildWorkingCopyClone(Object domainObject, Session session) throws DescriptorException {
    if (this.getWorkingCopyMethodName() == null) {
        //not implemented to perform special operations.
        return this.buildClone(domainObject, session);
    }

    try {
        if (PrivilegedAccessHelper.shouldUsePrivilegedAccess()) {
            try {
                return AccessController.doPrivileged(new PrivilegedMethodInvoker(this.getWorkingCopyMethod(),
                    domainObject, new Object[0]));
            } catch (PrivilegedActionException exception) {
                Exception throwableException = exception.getException();
                if (throwableException instanceof IllegalAccessException) {
                    throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
                        this.getDescriptor(), throwableException);
                } else {
                    throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
                        this.getDescriptor(), throwableException);
                }
            } else {
                return PrivilegedAccessHelper.invokeMethod(this.getWorkingCopyMethod(), domainObject, new Object[0]);
            }
        } else {
            return PrivilegedAccessHelper.invokeMethod(this.getWorkingCopyMethod(), domainObject, new Object[0]);
        }
    } catch (IllegalAccessException exception) {
        throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
            this.getDescriptor(), exception);
    } catch (InvocationTargetException exception) {
        throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
            this.getDescriptor(), exception);
    }
}

/**
 * Create a new instance, unless a workingCopyClone method is specified, then build a new instance and clone it.
 */

@Override
public Object buildWorkingCopyCloneFromRow(Record row, ObjectBuildingQuery query, Object primaryKey,
   UnitOfWork uow) throws DescriptorException {
...
// For now must preserve CMP code which builds heavy clones with a context.
// Also preserve for clients who use the copy policy.
ObjectBuilder builder = getDescriptor().getObjectBuilder();
if (getWorkingCopyMethodName() != null) {
    Object original = builder.buildNewInstance();
    builder.buildAttributesIntoShallowObject(original, (AbstractRecord)row, query);
    return buildWorkingCopyClone(original, query.getSession());
} else {
    return builder.buildNewInstance();
}

/**
 * Return the clone method.
 */
protected Method getMethod() {
    return method;
}

/**
 * Return the clone method name.
 */
public String getMethodName() {
    return methodName;
}

/**
 * Return the workingCopyClone method.
 * This is used to clone within a unit of work.
 */
protected Method getWorkingCopyMethod() {
    return workingCopyMethod;
}

/**
 * Return the workingCopyClone method name.
 * This is used to clone within a unit of work.
 */
public String getWorkingCopyMethodName() {
    return workingCopyMethodName;
}

/**
 * Validate and build the methods.
 */
public void initialize(Session session) throws DescriptorException {
    final Class javaClass = this.getDescriptor().getJavaClass();
    try {
        final Class javaClass = this.getDescriptor().getJavaClass();
        try {
// Must allow for null clone method for 9.0.4 deployment XML.
if (this.getMethodName() != null) {
    this.setMethod(Helper.getDeclaredMethod(javaClass, this.getMethodName(), new Class[0]));
}
} catch (NoSuchMethodException exception) {
    session.getIntegrityChecker().handleError(DescriptorException.noSuchMethodWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
} catch (SecurityException exception) {
    session.getIntegrityChecker().handleError(DescriptorException.securityWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
}

if (this.getWorkingCopyMethodName() != null) {
    try {
        this.setWorkingCopyMethod(Helper.getDeclaredMethod(javaClass, this.getWorkingCopyMethodName(), new Class[0]));
    } catch (NoSuchMethodException exception) {
        session.getIntegrityChecker().handleError(DescriptorException.noSuchMethodWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
    } catch (SecurityException exception) {
        session.getIntegrityChecker().handleError(DescriptorException.securityWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
    }
}

/**
 * Set the clone method.
 */
protected void setMethod(Method method) {
    this.method = method;
}

/**
 * Set the clone method name.
 */
public void setMethodName(String methodName) {
    this.methodName = methodName;
}

/**
 * Set the workingCopyClone method.
 * This is used to clone within a unit of work.
 */
protected void setWorkingCopyMethod(Method method) {
    this.workingCopyMethod = method;
}

/**

* Set the workingCopyClone method name.
* This is used to clone within a unit of work.
*/
public void setWorkingCopyMethodName(String methodName) {
    this.workingCopyMethodName = methodName;
}

/**
 * Return false as a shallow clone is returned, not a new instance.
 */
public boolean buildsNewInstance() {
    return getMethodName() == null;
}

public String toString() {
    return Helper.getShortClassName(this) + "(" + this.getMethodName() + ")";
}
}
public interface CopyPolicy extends Cloneable, Serializable {

    /**
     * Return a shallow clone of the object for usage with object copying, or unit of work backup cloning.
     */
    Object buildClone(Object object, Session session) throws DescriptorException;

    /**
     * Return a shallow clone of the object for usage with the unit of work working copy.
     */
    Object buildWorkingCopyClone(Object object, Session session) throws DescriptorException;

    /**
     * Return an instance with the primary key set from the row, used for building a working copy during a unit of work transactional read.
     */
    Object buildWorkingCopyCloneFromRow(Record row, ObjectBuildingQuery query, Object primaryKey, UnitOfWork uow) throws DescriptorException;

    /**
     * Clone the CopyPolicy.
     */
    Object clone();

    /**
     * Allow for any initialization or validation required.
     */
    void initialize(Session session) throws DescriptorException;

    /**
     * Set the descriptor.
     */
    void setDescriptor(ClassDescriptor descriptor);

    /**
     * Return if this copy policy creates a new instance, vs a clone.
     */
    boolean buildsNewInstance();
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package org.eclipse.persistence.descriptors.copying;

import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.internal.helper.*;
import org.eclipse.persistence.sessions.*;

/**
 * <p><b>Purpose</b>: This is the default copy policy.
 * It creates a copy by creating a new instance of the object and then using the
 * mappings specified for the object to populate the object.
 * */
public class InstantiationCopyPolicy extends AbstractCopyPolicy {
    public InstantiationCopyPolicy() {
        super();
    }

    public Object buildClone(Object domainObject, Session session) throws DescriptorException {
        return getDescriptor().getObjectBuilder().buildNewInstance();
    }

    public boolean buildsNewInstance() {
        return true;
    }

    public String toString() {
        return Helper.getShortClassName(this) + "()";
    }
}

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1.430 json-c 0.11 4.el7.centos
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1.431 javax-json 1.0.4

1.432 systemd 219 57.el7

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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1-jar/io/netty/handler/ssl/TrustManagerFactoryWrapper.java

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* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/logging/ByteBufFormat.java
* /opt/ws_local/PERMITS_SQL/1068232349_1594320675.63/0/netty-handler-4-1-49-final-sources-1.jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
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## Source Code

The project maintains the following source code repositories:

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* 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
* https://github.com/eclipse-ee4j/glassfish-jsftemplating
* https://github.com/eclipse-ee4j/glassfish-hk2-extra
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1.438 javax-persistence 2.1.1

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1.439 springfox-swagger-common 2.7.0

1.440 guava 27.0.1-jre

1.441 aws-java-sdk-core 1.11.201

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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/protocol/json/SdkJsonProtocolFactory.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/protocol/json/StructuredJsonGenerator.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/protocol/json/SdkCborGenerator.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/protocol/json/SdkStructuredPlainJsonFactory.java
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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/util/ServiceClientHolderInputStream.java
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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java
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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/auth/BasicSessionCredentials.java
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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/http/HttpMethodName.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/auth/AWSCredentials.java
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  jar/com/amazonaws/internal/config/SignerConfig.java
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  jar/com/amazonaws/util/ImmutableMapParameter.java
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  jar/com/amazonaws/internal/config/Builder.java
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  jar/com/amazonaws/internal/utils/ImmutableMapParameter.java
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  jar/com/amazonaws/internal/ConnectionUtils.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/ContainerCredentialsRetryPolicy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/Protocol.java

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  jar/com/amazonaws/profile/path/config/SharedConfigDefaultLocationProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/transform/PathMarshallers.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/retry/v2/FixedDelayBackoffStrategy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/presign/PresignerParams.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/protocol/DefaultMarshallingType.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/protocol/json/JsonClientMetadata.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/AWSRefreshableSessionCredentials.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/profile/path/AwsProfileFileLocationProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/profile/path/AwsProfileFileLocationProviderChain.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/util/TimingInfoFullSupport.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/retry/v2/RetryPolicy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/regions/AwsSystemPropertyRegionProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/retry/v2/SimpleRetryPolicy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/internal/StaticCredentialsProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/util/TimingInfo.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/transform/ListUnmarshaller.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/retry/v2/RetryCondition.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/profile/internal/AllProfiles.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/protocol/json/internal/HeaderMarshallers.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/regions/AwsEnvVarOverrideRegionProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/retry/v2/OrRetryCondition.java
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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/annotation/GuardedBy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/annotation/ThreadSafe.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/protocol/json/internal/ValueToStringConverters.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/protocol/MarshallLocation.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/protocol/MarshallingInfo.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/auth/StaticSignerProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/http/ExecutionContext.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/retry/V2CompatibleBackoffStrategyAdapter.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/AmazonWebServiceResult.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/regions/AwsRegionProviderChain.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/client/builder/AwsAsyncClientBuilder.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/util/XMLWriter.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1.jar/com/amazonaws/http/AwsErrorResponseHandler.java

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  jar/com/amazonaws/internal/ResettableInputStream.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/internal/ReleasableInputStream.java

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  jar/com/amazonaws/HandlerContextAware.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/ClasspathPropertiesFileCredentialsProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/internal/CustomBackoffStrategy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/Internal/CRC32MismatchException.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/DefaultAWSCredentialsProviderChain.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/EnvironmentVariableCredentialsProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/InstanceProfileCredentialsProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/internal/EC2MetadataClient.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/http/IdleConnectionReaper.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/internal/DynamoDBBackoffStrategy.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/util/AwsHostNameUtils.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/AWSCredentialsProviderChain.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
  jar/com/amazonaws/auth/SystemPropertiesCredentialsProvider.java

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jar/com/amazonaws/http/UnreliableTestConfig.java
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jar/com/amazonaws/auth/internal/SignerConstants.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/event/ProgressEventFilter.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/internal/SdkInputStream.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/event/SDKProgressPublisher.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/event/request/Progress.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/auth/profile/package-info.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/auth/profile/ProfilesConfigFile.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/util/LengthCheckInputStream.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/auth/profile/internal/securitytoken/ProfileCredentialsService.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/event/ResponseProgressInputStream.java

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jar/com/amazonaws/protocol/json/IonParser.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/transform/SimpleTypeIonUnmarshallers.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/protocol/json/IonFactory.java

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jar/com/amazonaws/util/Base64Codec.java
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jar/com/amazonaws/util/Base64.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/jmx/MBeans.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/util/EncodingScheme.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/util/Base16Codec.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-
jar/com/amazonaws/internal/SdkFilterOutputStream.java
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* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/regions/InMemoryRegionsProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/regions/InMemoryRegionImpl.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/regions/Region.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/regions/Endpoint.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/http/apache/SdkProxyRoutePlanner.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/partitions/model/Region.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/partitions/model/Service.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/partitions/model/Partition.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/partitions/model/PartitionRegionImpl.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/partitions/model/PartitionMetadataProvider.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/partitions/model/CredentialScope.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/transform/SimpleTypeCborUnmarshallers.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/transform/SdkProxyRoutePlanner.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/protocol/json/SdkIonGenerator.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/protocol/json/SdkStructuredIonFactory.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/http/apache/SdkProxyRoutePlanner.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/http/apache/CRC32ChecksumResponseInterceptor.java
* /opt/cola/permits/1137623352_1614109368.43/0/aws-java-sdk-core-1-11-201-sources-1-jar/com/amazonaws/regions/RegionMetadataFactory.java

---

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1.443 selinux 2.5-14.1.el7.centos

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1.444 xml-apis 2.0.2
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// NO WARRANTY! This class is in the Public Domain.
/**
 * Base class for deriving an XML filter.
 * 
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 * 
 * This class is designed to sit between an { @link org.xml.sax.XMLReader
 * XMLReader } and the client application's event handlers.  By default, it
 * does nothing but pass requests up to the reader and events
 * on to the handlers unmodified, but subclasses can override
 * specific methods to modify the event stream or the configuration
 * requests as they pass through.</p>
 * 
 * @since SAX 2.0
 * @author David Megginson,
 * <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
 * @see org.xml.sax.XMLFilter
 * @see org.xml.sax.XMLReader
 * @see org.xml.sax.EntityResolver
 * @see org.xml.sax.DTDHandler
 * @see org.xml.sax.ContentHandler
 * @see org.xml.sax.ErrorHandler
 */
This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY. 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 method. The parser will then report all errors and warnings through this interface.

If an application does not register an ErrorHandler, XML parsing errors will go unreported and bizarre behaviour may result.

For XML processing errors, a SAX driver must use this interface instead of 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 provide useful information after a call to \{ @link #fatalError fatalError \} (in other words, a SAX driver class could catch an exception and report a fatalError).

This class is in the public domain.

Interface for a list of XML attributes.
This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY.

This interface allows access to a list of attributes in three different ways:

1. by attribute index;
2. by Namespace-qualified name; or
3. 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 http://xml.org/sax/features/namespace-prefixes feature is set to true (it is false by default).

If the namespace-prefixes feature (see above) is false, access by qualified name may not be available; if the http://xml.org/sax/features/namespaces 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 vary from implementation to implementation.

@since SAX 2.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.helpers.AttributeListImpl

Default implementation for AttributeList.
* \textbf{AttributeValueList} implements the deprecated SAX1 \{\@link org.xml.sax.AttributeList AttributeList\} interface, and has been
* replaced by the new SAX2 \{\@link org.xml.sax.helpers.AttributesImpl AttributesImpl\} interface.\langle/p\rangle
*
* \langle p\rangle This class provides a convenience implementation of the SAX
* \{\@link org.xml.sax.AttributeList AttributeList\} interface. This
* implementation is useful both for SAX parser writers, who can use
* it to provide attributes to the application, and for SAX application
* writers, who can use it to create a persistent copy of an element's
* attribute specifications:\langle/p\rangle
*
* private AttributeList myatts;
*
* \texttt{public void startElement (String name, AttributeList atts)\{\n*     // create a persistent copy of the attribute list
*     // for use outside this method
*     myatts = new AttributeListImpl(atts);
*     [...]
* \}}\langle/pre\rangle
*
* \langle p\rangle Please note that SAX parsers are not required to use this
* class to provide an implementation of AttributeList; it is
* supplied only as an optional convenience. In particular,
* parser writers are encouraged to invent more efficient
* implementations.\langle/p\rangle
*
* \texttt{@deprecated} This class implements a deprecated interface,
* \{\@link org.xml.sax.AttributeList AttributeList\};
* that interface has been replaced by
* \{\@link org.xml.sax.Attributes Attributes\},
* which is implemented in the
* \{\@link org.xml.sax.helpers.AttributesImpl AttributesImpl\} helper class.
*
* \texttt{@since} SAX 1.0
* \texttt{@author} David Megginson,
* \texttt{<a href=mailto:sax@megginson.com"sax@megginson.com</a>}
* \texttt{@version} 2.0
* \texttt{@see} org.xml.sax.AttributeList
/**
 * Interface for an XML filter.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </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 `EntityResolver`, `DTDHandler`, `ContentHandler` and `ErrorHandler` events automatically.
 *
 * @since SAX 2.0
 * @author David Megginson,
 *         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
 * @see org.xml.sax.helpers.XMLFilterImpl
 */

/**
 * Interface for associating a SAX event with a document location.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </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 [setDocumentLocator](#setDocumentLocator) method. The application can use the
* object to obtain the location of any other content handler event
* in the XML source document.</p>
*
* Note that the results returned by the object will be valid only
* during the scope of each content handler method: the application
* will receive unpredictable results if it attempts to use the
* locator at any other time.</p>
*
* 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 [startDocument](#startDocument) event, the application should assume that a locator is not
* available.</p>
*
* @since SAX 1.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.ContentHandler#setDocumentLocator
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Locator.java
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/**
 * Receive notification of basic DTD-related events.
 *
 * This module, both source code and documentation, is in the
 * Public Domain, and comes with NO WARRANTY.</p>
 *
 * 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.</p>
 *
 * Note that this interface includes only those DTD events that
 * the XML recommendation requires processors to report:
* notation and unparsed entity declarations.</p>
* 
* <p>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.</p>
* 
* <p>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.</p>
* 
* @since SAX 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a></p>
* @version 2.0
* @see org.xml.sax.Parser#setDTDHandler
* @see org.xml.sax.HandlerBase
*/

Found in path(s):
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/DTDHandler.java

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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 `DocumentHandler` class instead.

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.

Note that the use of this class is optional.

@deprecated This class works with the deprecated `DocumentHandler` interface. It has been replaced by the SAX2 `DefaultHandler` class.

@since SAX 1.0
@version 2.0
@see org.xml.sax.EntityResolver
@see org.xml.sax.DTDHandler
@see org.xml.sax.DocumentHandler
@see org.xml.sax.ErrorHandler

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* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMInputSource.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DocumentLS.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathNSResolver.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathResult.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathExpression.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMBuilder.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/LSLoadEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/LSProgressEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/ParseErrorEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMWriterFilter.java

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 */

/*
 * <strong>DOM Level 3 WD Experimental:
 * The DOM Level 3 specification is at the stage
 * of Working Draft, which represents work in
 * progress and thus may be updated, replaced,
 * or obsoleted by other documents at any time.</strong> <p>
 * <code>XPathEvaluator</code>, which will provide evaluation of XPath 1.0
 * expressions with no specialized extension functions or variables. It is
 * expected that the <code>XPathEvaluator</code> interface will be
 * implemented on the same object which implements the <code>Document</code>
 * interface in an implementation which supports the XPath DOM module.
* `<code>XPathEvaluator</code>` implementations may be available from other
* sources that may provide support for special extension functions or
* variables which are not defined in this specification. The methods of
* `XPathExpression` should be named with more-`XPath`- specific names because
* the interface will often be implemented by the same object which
* implements `document`. No change. The point of interfaces is to localize the
* implementing namespace. This would make the method names unnecessarily
* long and complex even though there are no conflicts in the interface
* itself. The new core method `getInterface` is designed for discovering
* interfaces of additional modules that may not be directly implemented on
* the objects to which they are attached. This could be used to implement
* `XPath` on a separate object. The user only refers to the separate
* interfaces and not the proprietary aggregate implementation. Should entity
* refs be supported so that queries can be made on them? No change. We will
* not do this now. They are not part of the `XPath` data model. Note that
* they may be present in the hierarchy of returned nodes, but may not
* directly be requested or returned in the node set. What does `createResult`
* create when one wants to reuse the `XPath`? It is not useful. Removed method.
* Should ordering be a separate flag, or a type of result that can be
* requested. As a type of result, it can be better optimized in
* implementations. It makes sense as a type of result. Changed. Removed
* method. Implementing `XPathEvaluator` on `Document` can be a problem due to
* conflicts in the names of the methods. The working group finds no better
* solution. `getInterface` in Level 3 permits the object to be implemented
* separately. We should be committed to this. We will leave this issue open
* to see if we get more feedback on it. How does this interface adapt to
* `XPath 2.0` and other query languages? No change. This interface is not
* intended to adapt to `XPath 2.0` or other languages. The models of these
* are likely to be incompatible enough to require new APIs. For alternate
* implementations that can use this API, it can be obtained from different
* sources. Support for custom variables and functions would be very useful.
* No change. It is possible for an implementation to supply alternative
* sources of an `XPathEvaluator` that can be customized with a custom
* variable and function context. We do not specify how this is
* accomplished. It is too complex to address in this version of the `XPath`
* `DOM`.
* `/`

Found in path(s):
* `/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/w3c/dom/xpath/XPathEvaluator.java`
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/**
* Interface for an element’s attribute specifications.
*
This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY.

This is the original SAX1 interface for reporting an element's attributes. Unlike the new Attributes interface, it does not support Namespace-related information.

When an attribute list is supplied as part of a 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 helper class.

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");
    [...]
}
@deprecated This interface has been replaced by the SAX2

interface, which includes Namespace support.

@since SAX 1.0

@author David Megginson,

@version 2.0

@see org.xml.sax.DocumentHandler#startElement startElement

@see org.xml.sax.helpers.AttributeListImpl AttributeListImpl

*/

Found in path(s):
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/AttributeList.java

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/**

* Receive notification of general document events.
*
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.<br/>
* </blockquote>

* 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.
*
* @deprecated This interface has been replaced by the SAX2

interface, which includes Namespace support.

@since SAX 1.0
Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/DocumentHandler.java
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// NO WARRANTY! This class is in the Public Domain.
/**
 * Factory for creating an XML reader.
 */
<pre>
try {
   XMLReader myReader = XMLReaderFactory.createXMLReader();
} catch (SAXException e) {
   System.err.println(e.getMessage());
}
</pre>
<p><strong>Note to Distributions bundled with parsers:</strong> You should modify the implementation of the no-arguments
createXMLReader to handle cases where the external
configuration mechanisms aren't set up. That method should do its
best to return a parser when one is in the class path, even when
nothing bound its class name to org.xml.sax.driver so
those configuration mechanisms would see it.</p>
// This class is in the Public Domain. NO WARRANTY!
/**
 * Encapsulate Namespace logic for use by SAX drivers.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * This class encapsulates the logic of Namespace processing:
 * it tracks the declarations currently in force for each context
 * and automatically processes qualified XML 1.0 names into their
 * Namespace parts; it can also be used in reverse for generating
 * XML 1.0 from Namespaces.
 *
 * Namespace support objects are reusable, but the reset method
 * must be invoked between each session.
 *
 * Here is a simple session:
 *
 * String parts[] = new String[3];
 * NamespaceSupport support = new NamespaceSupport();
 *
 * support.pushContext();
 * support.declarePrefix("", "http://www.w3.org/1999/xhtml");
 * support.declarePrefix("dc", "http://www.purl.org/dc#");
 *
 * String parts[] = support.processName("p", parts, false);
 * System.out.println("Namespace URI: " + parts[0]);
 * System.out.println("Local name: " + parts[1]);
 * System.out.println("Raw name: " + parts[2]);
 *
 * String parts[] = support.processName("dc:title", parts, false);
 * System.out.println("Namespace URI: " + parts[0]);
 * System.out.println("Local name: " + parts[1]);
 * System.out.println("Raw name: " + parts[2]);
 *
 * support.popContext();
 * </pre>
 *
 * Note that this class is optimized for the use case where most
 * elements do not contain Namespace declarations: if the same
* prefix/URI mapping is repeated for each context (for example), this
* class will be somewhat less efficient.</p>
*
* @since SAX 2.0
* @author David Megginson,
*     <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/helpers/NamespaceSupport.java
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// NO WARRANTY!  This class is in the public domain.
/**
* Default base class for SAX2 event handlers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* This class is available as a convenience base class for SAX2
* applications: it provides default implementations for all of the
* callbacks in the four core SAX2 handler classes:</p>
*
* <ul>
*   <li>{@link org.xml.sax.EntityResolver EntityResolver}</li>
*   <li>{@link org.xml.sax.DTDHandler DTDHandler}</li>
*   <li>{@link org.xml.sax.ContentHandler ContentHandler}</li>
*   <li>{@link org.xml.sax.ErrorHandler ErrorHandler}</li>
* </ul>
*
* 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>
*
* This class replaces the deprecated SAX1
* {@link org.xml.sax.HandlerBase HandlerBase} class.</p>
*
* @since SAX 2.0
* @author David Megginson,
*     <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/helpers/DefaultHandler.java

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/**
 * Encapsulate an XML parse error or warning.
 *
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * This exception will include information for locating the error
 * in the original XML document. Note that although the application
 * will receive a SAXParseException as the argument to the handlers
 * in the {@link org.xml.sax.ErrorHandler 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 {@link org.xml.sax.SAXException}
 * SAXException}, it inherits the ability to wrap another exception.</p>
 *
 * @since SAX 1.0
 * @author David Megginson,
 *         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
 * @see org.xml.sax.SAXException
 * @see org.xml.sax.Locator
 * @see org.xml.sax.ErrorHandler
 */

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/SAXParseException.java

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* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/w3c/dom/ranges/RangeException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/CharacterData.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/NamedNodeMap.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/Text.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/events/Event.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/events/EventTarget.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/Attr.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/ProcessingInstruction.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/events/EventException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/traversal/TreeWalker.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/events/MutationEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/Comment.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/EntityReference.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/DocumentFragment.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/CDATASection.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/Node.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/NodeList.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/DocumentType.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/DOMImplementation.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/events/EventListener.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/traversal/NodeIterator.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/Entity.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/DOMException.java
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/**
 * Basic interface for resolving entities.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * 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.
 *
 * 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.
 *
 * 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.
 *
 * The following resolver would provide the application
 * with a special character stream for the entity with the system
 * identifier "http://www.myhost.com/today":
 *
 * 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;
 * }
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).</p>

@since SAX 1.0
@since SAX 1.0

@see org.xml.sax.Parser#setEntityResolver
@see org.xml.sax.InputSource

*/

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/*
* @since SAX 1.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser#setEntityResolver
* @see org.xml.sax.InputSource
*/

*/
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/**
 * Provide an optional convenience implementation of Locator.
 *
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
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 *
 * This class is available mainly for application writers, who
 * can use it to make a persistent snapshot of a locator at any
 * point during a document parse:

```java
Locator locator;
Locator startloc;

public void setLocator (Locator locator)
{
    // note the locator
    this.locator = locator;
}

public void startDocument ()
{
    // save the location of the start of the document
    // for future use.
    Locator startloc = new LocatorImpl(locator);
}
```

Normally, parser writers will not use this class, since it
is more efficient to provide location information only when
requested, rather than constantly updating a Locator object.

@since SAX 1.0
@author David Megginson,

<a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Locator Locator
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/helpers/LocatorImpl.java
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/**
* Interface for reading an XML document using callbacks.
* *
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* Public Domain, and comes with <strong>NO WARRANTY</strong>. </em>
* </blockquote>
* *
* <p><strong>Note:</strong> despite its name, this interface does
* not extend the standard Java ( <link java.io.Reader Reader>)
* interface, because reading XML is a fundamentally different activity
* than reading character data. </p>
* *
* 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.</p>
*
* <p>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.</p>
*
* <p>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:</p>
*
* <ol>
* <li>it adds a standard way to query and set features and
* properties; and</li>
* <li>it adds Namespace support, which is required for many
* higher-level XML standards.</li>
* </ol>
*
* <p>There are adapters available to convert a SAX1 Parser to
* a SAX2 XMLReader and vice-versa.</p>
*
* @since SAX 2.0
* @author David Megginson,
*   <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.helpers.ParserAdapter
* @see org.xml.sax.helpers.XMLReaderAdapter
*/

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*/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/XMLReader.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>
* </blockquote>
* <p>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.</p>
*
* <p>There are two places that the application will deliver this
* input source to the parser: as the argument to the Parser.parse
* method, or as the return value of the EntityResolver.resolveEntity
* method.</p>
*
* <p>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; if not, the parser will use
* a byte stream, if available; 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.</p>
*
* <p>An InputSource object belongs to the application: the SAX parser
* shall never modify it in any way (it may modify a copy if
* necessary).</p>
*
* @since SAX 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a></p>
* @version 2.0
* @see org.xml.sax.Parser#parse
* @see org.xml.sax.EntityResolver#resolveEntity
* @see java.io.InputStream
* @see java.io.Reader
*/

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* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/InputSource.java
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/**
* Exception class for an unsupported operation.
* *
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
* */

* <p>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.</p>
* *
* @since SAX 2.0
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// NO WARRANTY! This class is in the public domain.
/**
 * Adapt a SAX1 Parser as a SAX2 XMLReader.
 *<blockquote>
This class wraps a SAX1 \[ @link org.xml.sax.Parser Parser \] and makes it act as a SAX2 \[ @link org.xml.sax.XMLReader XMLReader \], with feature, property, and Namespace support. Note that it is not possible to report \[ @link org.xml.sax.ContentHandler#skippedEntity skippedEntity \] events, since SAX1 does not make that information available.</p>

This adapter does not test for duplicate Namespace-qualified attribute names.</p>

@since SAX 2.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.helpers.XMLReaderAdapter
@see org.xml.sax.XMLReader
@see org.xml.sax.Parser
/**
 * Adapt a SAX1 AttributeList as a SAX2 Attributes object.
 *
 * This class is in the Public Domain, and comes with NO WARRANTY of any kind.</p>
 * This wrapper class is used only when Namespace support is disabled -- it provides pretty much a direct mapping from SAX1 to SAX2, except that names and types are interned whenever requested.</p>
*/

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

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
* jar/org/xml/sax/helpers/AttributesImpl.java
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/**
 * Create a new instance of a class by name.
 *
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 * See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
 * for further information.
 * </blockquote>
 *
 * This class contains a static method for creating an instance of a
 * class from an explicit class name. It tries to use the thread's context
 * ClassLoader if possible and falls back to using
 * Class.forName(String). It also takes into account JDK 1.2+'s
 * AccessController mechanism for performing its actions. </p>
* <p>This code is designed to run on JDK version 1.1 and later and compile on versions of Java 2 and later.</p>

* 

* @author Edwin Goei, David Brownell, Neil Graham

* @version $Id: NewInstance.java,v 1.2 2002/08/26 23:55:45 neilg Exp$

*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/NewInstance.java

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/**
 * Encapsulate a general SAX error or warning.
 *
 * <blockquote>
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 * </blockquote>
 *
 * <p>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.</p>
 *
 * <p>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.</p>
 *
 * <p>If the parser or application needs to include information about a
 * specific location in an XML document, it should use the
 * SAXParseException subclass.</p>
 *
 * @since SAX 1.0
 * @author David Megginson,
 *         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
 * @see org.xml.sax.SAXParseException
 */

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/**
 * Exception class for an unrecognized identifier.
**Since SAX 2.0**
*Author David Megginson,*
*<a href="mailto:sax@megginson.com">sax@megginson.com</a>*
@version 2.0
@see org.xml.sax.SAXNotSupported Exception

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*/
/**
* Create a new <code>DOMBuilder</code>. The newly constructed parser may
* then be configured by means of its <code>setFeature</code> method,
* and used to parse documents by means of its <code>parse</code> method.
@param mode The <code>mode</code> argument is either
<code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
<code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
<code>DOMBuilder</code> that is created will operate in synchronous
mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
<code>DOMBuilder</code> that is created will operate in
asynchronous mode.

@param schemaType An absolute URI representing the type of the schema
language used during the load of a <code>Document</code> using the
newly created <code>DOMBuilder</code>. Note that no lexical
checking is done on the absolute URI. In order to create a
<code>DOMBuilder</code> for any kind of schema types (i.e. the
<code>DOMBuilder</code> will be free to use any schema found), use the value
<code>null</code>. For W3C XML Schema, applications must use the
value <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD
applications must use the value
<code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
are outside the scope of the W3C and therefore should recommend an
absolute URI in order to use this method.

@return The newly created <code>DOMBuilder</code> object. This
<code>DOMBuilder</code> is either synchronous or asynchronous
depending on the value of the <code>mode</code> argument. By
default, the newly created <code>DOMBuilder</code> does not contain
a <code>DOMErrorHandler</code>, i.e. the value of the
<code>errorHandler</code> is <code>null</code>. However,
implementations may provide a default error handler at creation
time. In that case, the initial value of the
<code>errorHandler</code> attribute on the new created
<code>DOMBuilder</code> contains a reference to the default error
handler.

@exception DOMException
* NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
* not supported.
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
jar/org/w3c/dom/ls/DOMImplementationLS.java
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/**
* Basic interface for SAX (Simple API for XML) parsers.
* *
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*/
* <p>This was the main event supplier interface for SAX1; it has
* been replaced in SAX2 by {@link org.xml.sax.XMLReader XMLReader},
* which includes Namespace support and sophisticated configurability
* and extensibility.</p>
* 
* <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>
* 
* <p>All SAX1 parsers must also implement a zero-argument constructor
* (though other constructors are also allowed).</p>
* 
* <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
* { @link org.xml.sax.XMLReader XMLReader } interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @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/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Parser.java
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/**
 * SAX2 extension handler for DTD declaration events.
 * 
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 * 
 * <p>This is an optional extension handler for SAX2 to provide
 * information about DTD declarations in an XML document. XML
 * readers are not required to support this handler, and this
* handler is not included in the core SAX2 distribution.</p>
* 
* <p>Note that data-related DTD declarations (unparsed entities and
* notations) are already reported through the { @link
* org.xml.sax/DTDHandler DTDHandler} interface.</p>
*
* <p>If you are using the declaration handler together with a lexical
* handler, all of the events will occur between the
* { @link org.xml.sax.ext.LexicalHandler#startDTD startDTD} and the
* { @link org.xml.sax.ext.LexicalHandler#endDTD endDTD} events.</p>
*
* <p>To set the DeclHandler for an XML reader, use the</p>
* { @link org.xml.sax.XMLReader#setProperty setProperty} method
* with the propertyId "http://xml.org/sax/properties/declaration-handler".
* If the reader does not support declaration events, it will throw a
* { @link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException}
* or a
* { @link org.xml.sax.SAXNotSupportedException SAXNotSupportedException}
* when you attempt to register the handler.</p>
*
* @since 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 1.0
* @see org.xml.sax.XMLReader
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ext/DeclHandler.java
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/**
* Java-specific class for dynamically loading SAX parsers.
* 
* <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><strong>Note:</strong> This class is designed to work with the now-deprecated
* SAX1 { @link org.xml.sax.Parser Parser} class. SAX2 applications should use
* { @link org.xml.sax.helpers.XMLReaderFactory XMLReaderFactory} instead.</p>
*
* <p>ParserFactory is not part of the platform-independent definition
* of SAX; it is an additional convenience class designed
* specifically for Java XML application writers. SAX applications
* can use the static methods in this class to allocate a SAX parser
* dynamically at run-time based either on the value of the
* `org.xml.sax.parser' system property or on a string containing the class
* name.</p>
*
* <p>Note that the application still requires an XML parser that
* implements SAX1.</p>
*
* @deprecated This class works with the deprecated
*             { @link org.xml.sax.Parser Parser} interface.
* @since SAX 1.0
* @author David Megginson
* @version 2.0r2pre3
*/

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*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/javax/xml/parsers/FilePathToURI.java
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// NO WARRANTY!  This class is in the public domain.
/**
 * Adapt a SAX2 XMLReader as a SAX1 Parser.
 *
 * <blockquote>
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * <p>This class wraps a SAX2 {@link javax.xml.parsers.FilePathToURI java
 * and makes it act as a SAX1 {@link org.xml.sax.Parser Parser}. The XMLReader
 * must support a true value for the
 * http://xml.org/sax/features/namespace-prefixes property or parsing will fail
@since SAX 2.0
@version 2.0
@see org.xml.sax.Parser
@see org.xml.sax.XMLReader
*/

// NO WARRANTY! This class is in the public domain.
/**
 * Receive notification of the logical content of a document.
 *
 * <blockquote>
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 * </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
 * setContentHandler} 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 Java class
 * { @link java.net.ContentHandler ContentHandler} in the java.net
 * 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>

@since SAX 2.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.XMLReader
@see org.xml.sax.DTDHandler
@see org.xml.sax.ErrorHandler

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/**
 * SAX2 extension handler for lexical events.
 */

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<p>This is an optional extension handler for SAX2 to provide lexical information about an XML document, such as comments and CDATA section boundaries; XML readers are not required to support this handler, and it is not part of the core SAX2 distribution.</p>

<p>The events in the lexical handler apply to the entire document, not just the document element, and all lexical handler events must appear between the content handler's startDocument and endDocument events.</p>

<p>To set the LexicalHandler for an XML reader, use the method with the propertyId "http://xml.org/sax/properties/lexical-handler".</p>

If the reader does not support lexical events, it will throw a
* or a
* javax.xml.XMLConstants.XMLNsNotRegistered
* when you attempt to register the handler.

* @since 1.0
* @author David Megginson,
*       <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 1.0
* @see org.xml.sax.XMLReader#setProperty
* @see org.xml.sax.SAXNotRecognizedException
* @see org.xml.sax.SAXNotSupportedException
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/ext/LexicalHandler.java

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1.447 hk2-runlevel 2.6.1

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1.453 netty-codec 4.1.49.Final

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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java
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    jar/io/netty/handler/codec/Headers.java
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* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/DecoderResultProvider.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/AsciiHeadersEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/Bzip2BlockCompressor.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/Bzip2MoveToFrontTable.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/Bzip2BlockDecompressor.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/Lz4FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/Lz4FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1.jar/io/netty/handler/codecompression/Lz4Constants.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.
 * <p>
 * {@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.

*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.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 0 (= do not strip header)
```

```
BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
-------------------------------   -------------------
| Length | Actual Content |----->| Length | Actual Content |
| 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
-------------------------------   -------------------
```

*2 bytes length field at offset 0, strip header*

Because we can get the length of the content by calling
`ByteBuf#readableBytes()`, you might want to strip the length
field by specifying `initialBytesToStrip`. In this example, we
specified `2` that is same with the length of the length field, to
strip the first two bytes.

```
initialBytesToStrip = 2
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
```

```
BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
-------------------------------   -------------------
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
-------------------------------   -------------------
```

*2 bytes length field at offset 0, do not strip header, the length field
represents the length of the whole message*

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 \(<tt>-2</tt>\) for
* \(<tt>lengthAdjustment</tt>\) to compensate.

* \(<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
* \(<pre>

* 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>
* 
* \(<h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>\)
* 
* 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)
* </pre>
* 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>

* 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>

* 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>

* 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>. We also specified a non-zero
* 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 <tt>0</tt> for <tt>initialBytesToSkip</tt>.

* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>   = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b> (= 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>
Before decode (16 bytes) after decode (13 bytes)

<table>
<thead>
<tr>
<th>HDR1</th>
<th>Length</th>
<th>HDR2</th>
<th>Actual Content</th>
<th>HDR2</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCA</td>
<td>0x0010</td>
<td>0xFE</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0xFE</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

@end

@see LengthFieldPrepender

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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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.
* <p>
* 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/1068232267_1594320776.43/0/netty-codec-4-1-49-final-sources-1-jar/io/netty/handler/codec/base64/Base64.java
1.454 wayland 1.14.0 2.el7

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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/
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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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# This file contains a list of people who've made non-trivial contribution to the Google C++ Testing Framework project. People who commit code to the project are encouraged to add their names here. Please keep the list sorted by first names.

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 */

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>
 */

class Version
{

/**
 * Get the basic version string for the current Xalan release.
 * Version String formatted like
 */
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: 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.
 */
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;
    }
}

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*/

/**
* This is a special exception that is used to stop parsing when
* search for an element. For instance, when searching for xml:stylesheet
* PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
* @xsl.usage internal
*/
Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/StopParseException.java
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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() {
    return getProduct() + " " + getImplementationLanguage() + " " +
            getMajorVersionNum() + "." + getReleaseVersionNum() + "." +
            (getDevelopmentVersionNum() > 0) ?
            ("D" + getDevelopmentVersionNum()) : ("" + getMaintenanceVersionNum());
}

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

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

/**

Open Source Used In Cisco SD-WAN Cloud OnRamp for Colocation 4.7.1 4861
* Implementation Language: Java.
*/

```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()
/**
 * 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;
    }
}

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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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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.properties
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 */

/*
 * $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.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
 * "[@*[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;
}
(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(0s7ntants.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(0s7ntants.ERROR, error);
}

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
        _expression);
    _parser.reportError(0s7ntants.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.DESCIENDANT);
}

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

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);
        }
    }:
<table>
<thead>
<tr>
<th>NodeTest:ntest Predicates:pp</th>
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<tbody>
<tr>
<td>:</td>
</tr>
<tr>
<td>if (ntest instanceof Step) {</td>
</tr>
<tr>
<td>Step step = (Step)ntest;</td>
</tr>
<tr>
<td>step.addPredicates(pp);</td>
</tr>
<tr>
<td>RESULT = (Step)ntest;</td>
</tr>
<tr>
<td>}</td>
</tr>
<tr>
<td>else {</td>
</tr>
<tr>
<td>RESULT = new Step(Axis.CHILD,</td>
</tr>
<tr>
<td>parser.findNodeType(Axis.CHILD, ntest), pp);</td>
</tr>
<tr>
<td>}</td>
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<td>:</td>
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<table>
<thead>
<tr>
<th>AxisSpecifier:axis NodeTest:ntest Predicates:pp</th>
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<tbody>
<tr>
<td>: RESULT = new Step(axis.intValue(),</td>
</tr>
<tr>
<td>parser.findNodeType(axis.intValue(), ntest), pp);</td>
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<tr>
<td>:</td>
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<tr>
<th>AxisSpecifier:axis NodeTest:ntest</th>
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<tr>
<td>: RESULT = new Step(axis.intValue(),</td>
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<tr>
<td>parser.findNodeType(axis.intValue(), ntest),</td>
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<tr>
<td>null);</td>
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<td>:</td>
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<thead>
<tr>
<th>AbbreviatedStep:abbrev</th>
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<tr>
<td>: RESULT = abbrev; :;</td>
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AxisSpecifier ::= AxisName:an DCOLON |
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<tr>
<td>: RESULT = an; :</td>
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<table>
<thead>
<tr>
<th>ATSIGN</th>
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<tr>
<td>: RESULT = new Integer(Axis.ATTRIBUTE); :;</td>
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AxisName ::=    ANCESTOR          |
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<tr>
<td>: RESULT = new Integer(Axis.ANCESTOR); :</td>
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<tr>
<th>ANCESTORORSELF</th>
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<tbody>
<tr>
<td>: RESULT = new Integer(Axis.ANCESTORORSELF); :</td>
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<tr>
<th>ATTRIBUTE</th>
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<tr>
<td>: RESULT = new Integer(Axis.ATTRIBUTE); :</td>
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<tr>
<th>CHILD</th>
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<tr>
<td>: RESULT = new Integer(Axis.CHILD); :</td>
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<tr>
<th>DESCENDANT</th>
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<tbody>
<tr>
<td>: RESULT = new Integer(Axis.DESCENDANT); :</td>
</tr>
</tbody>
</table>
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);
    }

    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());
    }

|
else if (node instanceof Param) {
    RESULT = new ParameterRef((Param)node);
}
else {
    RESULT = new UnresolvedRef(varName);
}

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

FunctionCall ::= FunctionName:fname LPAREN RPAREN
{:
    if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
        RESULT = new CurrentCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
        RESULT = new NumberCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
        RESULT = new StringCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
        RESULT = new ConcatCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
        RESULT = new BooleanExpr(true);
    }
    else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
        RESULT = new BooleanExpr(false);
    }
    else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
        RESULT = new NameCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
        RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
        RESULT = new StringLengthCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
        RESULT = new PositionCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
        RESULT = new LastCall(fname);
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname);
}

else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname);
}

else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN |
| : | :
| if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) { |
|     RESULT = new ConcatCall(fname, argl);
| }

else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
    parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
    RESULT = new BooleanCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}
else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new.StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName( ParseConstants.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"); \ :} |

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

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

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

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

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

// is found, then throw a special exception in order to terminate

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* /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
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package org.apache.xalan.xslt.compiler;

import java_cup.runtime.Symbol;

/**
 * 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());
    }
}
**
* 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);
}
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-\u00FF]\u00F6\u00F8-\u00FF\u0100-\u0113\u0134-\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01FA-\u0217\u0250-\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038Cu038E-\u03A1\u03A3-\u03CE-\u03D0-\u03D8\u03DA-\u03DC\u03E2-\u03F3\u0401-\u040Cu040E-\u044Fu0451-\u045C\u045E-\u0481\u0490-\u04C4u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9u0531-\u0556\u0559u0561-\u0586\u05D0-\u05EAu05F0-\u05F2u0621-\u063Au0641-\u064Au0671-\u0677u06BA-\u06BEu06C0-\u06D0-\u06D5\u06E5-\u06E6u0905-\u0939u093Du0958-\u0961u0985-\u098Cu098Fu0993-\u09A8u09AA-\u09B0u09B2-\u09B9u09DC\u09DF-\u09E1u09F0-\u09F1u0a05-\u0a0Bu0a12-\u0a30u0a32-\u0A33-\u0A36\u0A38-\u0A39u0A5Cu0A5Eu0A72-\u0A74u0A85-\u0A8Bu0A8Du0A91u0A93-\u0A9Au0AA-\u0AB0u0AB2-\u0AB3u0AB5-\u0AB9u0ABDu0AE0u0B0-\u0B0Cu0B0F-\u0B10u0B13-\u0B28u0B2A-\u0B30u0B32-\u0B33u0B36-\u0B39u0B3Du0B5Cu0B5Fu0B61u0B85-\u0B8Au0B8Eu0B90u0B92-\u0B95u0B99-\u0B9Au0B9Cu0B9Eu0BA-\u0BAAu0BACu0B7-\u0BB9u0C0-\u0C0Cu0C0E-\u0C10u0C12-\u0C28u0C2A-\u0C33u0C35-\u0C39u0C60-\u0C61u0C85-\u0C8Cu0C8E-\u0C90u0C92-\u0CA8u0CAA-\u0CB3u0CB5-\u0CB9u0CDEu0CE0-\u0CE1u0D0-\u0D0Cu0D0E-\u0D10u0D12-\u0D28u0D2A-\u0D39u0D60-\u0D61u0E01-\u0E2Eu0E30u0E32-\u0E33u0E40-\u0E45u0E81-\u0E82u0E84u0E87-\u0E88u0E8Au0E94u0E97u0E99-\u0E9F\u0EA1-\u0EA3u0EA5u0EA7u0EEAu0EADu0EAEu0EBu0EB2-\u0EB3u0EBDu0EC0-\u0EC4u0F40-\u0F47u0F49-\u0F69u0A0-\u0C5u0D0-\u10Fuu100u1102-\u1103u1105-\u1107u1109u110Bu11OCu110E-\u1112u113Cu113Eu1140u114Cu114Eu1150u1154-\u1155u1159u115Fu1161u1163u1165u1167u1169u116Du116Eu1172-\u1173u1175u119Eu119Eu119Au11ABu11AE-\u11AFu11B7-\u11B8u11BAu11BCu11C2u11EBu11FU0u11F9u11FUu11F9Bu1E0-\u11F9u1F00-\u1F15u1F18-\u1F1Du1F20-\u1F45u1F48-\u1F4Du1F50-\u1F57u1F59u1F5Bu1F5Du1F5Fu1F7Du1F80-\u1F84u1F8Bu1FBCu1FBEu1FC2u1FC4u1FC6u1FCCu1FDDu1FD3u1FDCu1FD6u1FDBu1FE0-\u1FECu1FF2-\u1FF4u1FF6u1FFCu126u122A-\u122Bu121Ea12180-\u12182u3041-\u3094u30A1-\u30FAu3105-\u312CuAC00-\u3173]
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 */

/*
 * $Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau $
 */
package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
 * @deprecated To be replaced by org.apache.xalan.Version.getVersion()
 * @xsl.usage general
 */
public class XSLProcessorVersion
{

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

/**  
* Constant name of product.  
*/  
public static final String PRODUCT = "Xalan";

/**  
* Implementation Language.  
*/  
public static final String LANGUAGE = "Java";

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

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

/**  
* Maintenance Drop Number.  
* Optional identifier used to designate maintenance  
*    drop applied to a specific release and contains  
*    fixes for defects reported. It maintains compatibility  
*    with the release and contains no API changes.  
*    When missing, it designates the final and complete  
*    development drop for a release.  
*/  
public static final int MAINTENANCE = @version.MINOR@;
/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */

public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"<B>Xalan</B> <B>Language</B> 
 * 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/transformer/package.html
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/package.html
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/package.html

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*/

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* /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
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* /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
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources_zh.java
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1.473 jersey-common 2.29

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1.477 jackson-databind 2.9.10.1

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1.478 bind 9.11.4

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* configure.ac, Makefile.am: The original versions were derived from the
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* atf-c/ui.c: The format_paragraph and format_text functions were
derived form the ones in the Monotone project, revision
3a0982da308228d796df35f98d787c5cffe2bb5b6.

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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.

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* 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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<html><head>
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<title>SQLite Copyright</title>
<style type="text/css">
body {
    margin: auto;
    font-family: Verdana, sans-serif;
    padding: 8px 1%;
}

a { color: #044a64 }
a:visited { color: #734559 }

.logo { position:absolute; margin:3px; }
.tagline {
    float:right;
    text-align:right;
    font-style:italic;
    width:300px;
    margin:12px;
    margin-top:58px;
}

.menubar {
    clear: both;
    border-radius: 8px;
    background: #044a64;
    padding: 0px;
    margin: 0px;
    cell-spacing: 0px;
}
.toolbar {
    text-align: center;
    line-height: 1.6em;
    margin: 0;
    padding: 0px 8px;
}
.toolbar a { color: white; text-decoration: none; padding: 6px 12px; }
.toolbar a:visited { color: white; }
.toolbar a:hover { color: #044a64; background: white; }

.content { margin: 5%; }
.content dt { font-weight:bold; }
```
var q = document.getElementById("q");
if( q.value == gMsg ) { q.value = "" }
q.style.color = "black"
q.style.fontStyle = "normal"
}
function leavesearch() {
var q = document.getElementById("q");
if( q.value == "" ) {
  q.value = gMsg
  q.style.color = "#044a64"
  q.style.fontStyle = "italic"
}
}
</script>
<td>
<div style="padding:0 1em 0px 0;white-space:nowrap">
<form name=f method="GET" action="http://www.sqlite.org/search">
<input id=q name=q type=text
  onfocus="entersearch()" onblur="leavesearch()" style="width:24ex;padding:1px 1ex; border:solid white 1px;
  font-size:0.9em ; font-style:italic;color:#044a64;" value="Search SQLite Docs...">
<input type=submit value="Go" style="border:solid white 1px;background-color:#044a64;color:white;font-size:0.9em;padding:0 1ex">
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<tr><td align="center">
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1.487 cups 1.6.3

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1.488 hk2-core-module 2.5.0

1.489 kubernetes-client 4.10.2

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io.fabric8.kubernetes.client.V1beta1AdmissionRegistrationAPIGroupExtensionAdapter
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* /opt/ws_local/PERMITS_SQL/1069127254_1594491700.09/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/utils/ImpersonatorInterceptor.java
* /opt/ws_local/PERMITS_SQL/1069127254_1594491700.09/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/internal/PKCS1Util.java
* /opt/ws_local/PERMITS_SQL/1069127254_1594491700.09/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/EditReplacePatchDeletable.java
* /opt/ws_local/PERMITS_SQL/1069127254_1594491700.09/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/Scaleable.java
* /opt/ws_local/PERMITS_SQL/1069127254_1594491700.09/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/APIGroupNotAvailableException.java

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io.fabric8.kubernetes.client.URLFromEnvVarsImpl
io.fabric8.kubernetes.client.URLFromIngressImpl
io.fabric8.kubernetes.client.URLFromNodePortImpl

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1.490 jnr-enxio 0.32.3

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* /opt/cola/permits/1130440199_1612575454.68/0/jnr-enxio-0-32-3-sources-jar/jnr/enxio/channels/PollSelector.java
* /opt/cola/permits/1130440199_1612575454.68/0/jnr-enxio-0-32-3-sources-jar/jnr/enxio/channels/PollSelectionKey.java
* /opt/cola/permits/1130440199_1612575454.68/0/jnr-enxio-0-32-3-sources-jar/jnr/enxio/channels/WinLibCAdapter.java

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*/opt/cola/permits/1130440199_1612575454.68/0/jnr-enxio-0-32-3-sources-jar/jnr/enxio/channels/NativeDeviceChannel.java
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1.491 grub2 2.02-0.87.0.13.el7_9.7

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<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

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1.493 vim 7.4.160 5.el7.centos
1.493.1 Available under license :

*uganda.txt*  For Vim version 7.4.  Last change: 2013 Jul 06

VIM REFERENCE MANUAL  by Bram Moolenaar

*uganda* *Uganda* *copying* *copyright* *license*
SUMMARY
*iccf* *ICCF*
Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see [kcc] below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

You can also sponsor the development of Vim. Vim sponsors can vote for features. See [sponsor]. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see [manual-copyright].

=== begin of license ===

VIM LICENSE
I) There are no restrictions on distributing unmodified copies of Vim except that they must include this license text. You can also distribute unmodified parts of Vim, likewise unrestricted except that they must include this license text. You are also allowed to include executables that you made from the unmodified Vim sources, plus your own usage examples and Vim scripts.

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1) This license text must be included unmodified.

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   c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.
   d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:
      - The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
      - You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

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3) A message must be added, at least in the output of the ":version" command and in the intro screen, such that the user of the modified Vim is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does not conflict with the license used for the changes.

4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

III) If you distribute a modified version of Vim, you are encouraged to use the Vim license for your changes and make them available to the maintainer, including the source code. The preferred way to do this is by e-mail or by uploading the files to a server and e-mailing the URL. If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is <maintainer@vim.org>

IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all
further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

==============================================================================
Kibaale Children's Centre		*kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.
There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada:
Contact Kibaale Children’s Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children’s Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children’s Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland:
Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany:
It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World:
Use a postal money order. That should be possible from any country, mainly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe:
Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card:
You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It’s really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others:
Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address
below. Minimal amount: $70 (my bank does not accept smaller
amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruehihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

" Vim syntax file
" Language:Software Distributor product specification file
" (POSIX 1387.2-1995).
" Maintainer:Rex Barzee <rex_barzee@hp.com>
" Last change:25 Apr 2001

if version < 600
  " Remove any old syntax stuff hanging around
  syn clear
else
  exists("b:current_syntax")
  finish
endif

  " Product specification files are case sensitive
  syn case match

  syn keyword psfObject bundle category control_file depot distribution
  syn keyword psfObject end_file fileset host installed_software media
  syn keyword psfObject product root subproduct vendor

  syn match  psfUnquotString +[^"# ][^#]*+ contained
  syn region psfQuotString  start=+"+ skip=+"+ end=+"+ contained

  syn match  psfObjTag    "\([-_+A-Z0-9a-z]+(-[A-Z0-9a-z]+)+\)*" contained
  syn match  psfAttAbbrev "\(<|-f[a|f|r]|acl|qr|v\)>\=\=[|=|=]=|\^,|=|=|=|=|=|=|=|=|=|=|\"" contained
  syn match  psfObjTags  "\([-_+A-Z0-9a-z]+(-[A-Z0-9a-z]+|\+)+\)*|\(\|\<-|A-Z0-9a-z\>+\|\<-|A-Z0-9a-z\>+\|\<-|A-Z0-9a-z\>\)*" contained
Some of the attributes covered by attUnquotString and attQuotString:
architecture category_tag control_directory copyright
create_date description directory file_permissions install_source
install_type location machine_type mod_date number os_name os_release
os_version pose_as_os_name pose_as_os_release readme revision
share_link title vendor_tag
These regions are defined in attempt to do syntax checking for some
of the attributes.

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of the attributes.

These regions are defined in attempt to do syntax checking for some
of the attributes.
end="$" keepend oneline

syn region psfAttState matchgroup=psfAttrib start="^\s*(state)\s+" contains=psfState,psfComment end="$" keepend oneline

syn region psfAttPState matchgroup=psfAttrib start="^\s*(patch_state)\s+" contains=psfPState,psfComment end="$" keepend oneline

syn region psfAttBoolean matchgroup=psfAttrib
start="^\s*(is_kernel|is_locatable|is_patch|is_protected|is_reboot|is_reference|is_secure|is_sparse)\s+" contains=psfBoolean,psfComment end="$" keepend oneline

syn match  psfComment "#.*$"

" Define the default highlighting.
" For version 5.7 and earlier: only when not done already
" For version 5.8 and later: only when an item doesn't have highlighting yet
if version >= 508 || !exists("did_psf_syntax_inits")
if version < 508
  let did_psf_syntax_inits = 1
  command -nargs=+ HiLink hi link <args>
else
  command -nargs=+ HiLink hi def link <args>
endif

HiLink psfObject       Statement
HiLink psfAttrib       Type
HiLink psfQuotString   String
HiLink psfObjTag       Identifier
HiLink psfAttAbbrev    PreProc
HiLink psfObjTags      Identifier

HiLink psfComment      Comment

delcommand HiLink
endif

" Long descriptions and copyrights confuse the syntax highlighting, so
" force vim to backup at least 100 lines before the top visible line
" looking for a sync location.
syn sync lines=100

let b:current_syntax = "psf"
/*
 * Copyright (C) 1989-95 GROUPE BULL
 * * 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 without limitation the
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 * sell copies of the Software, and to permit persons to whom the Software is
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 */

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(XPM - X PixMap format version 2 & 3)
Internet:       lehors@sophia.inria.fr
Surface Mail:       Arnaud LE HORS, INRIA - Sophia Antipolis,
2004, route des Lucioles, 06565 Valbonne Cedex -- FRANCE
Voice phone:       (33) 93.65.77.71, Fax: (33) 93 65 77 66, Telex: 97 00 50 F

1.494 stax-api 1.0 2
1.494.1 Available under license:

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html>
<body>
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This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it
becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

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.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

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

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

^L

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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^L

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END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full
Modifications: Added cronjob, configuration file, and man pages.

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

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Copyright information:

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. Cracklib's license was changed from the GPL to the LGPL after consensus of all previous developers in October 2008, effective with release 2.8.15 released on 2009-11-19. See the email discussion below for both license changes.

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

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

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

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

-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
> =20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not GPL-2 ... it was a modified artistic license ... i didn't 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 what license they should be using. thus LGPL-2.1 enters to fill this void.

-Dmike

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

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.
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> the original license (before moving to sourceforge -- aka, 2.7) was
> not
> GPL-2 ... it was a modified artistic license ... i didn't notice the
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>=20
> 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 writers 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.
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> I am sympathetic. Guys, what do you reckon?
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> 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.
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> I'd also suggest the LGPL, for the reason you noted above. Alternately,
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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.

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
    by scanin-ipv6.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
    by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtp020623
    for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
    by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
    for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
    by rutherford.zen.co.uk with esmtp (Exim 4.50)
    id 11cOcX-0004Qt-6L
    for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd807100109090k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
     <EC90713277D2BE41B7110CCD74E235CE4F44F38@UMR-CMAIL1.umr.edu>
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

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

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

-- Nathan

Nathan Neulinger
Email: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

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 didn't 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 the 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: 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

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

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

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

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

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > additional code, so whatever licensing y'all come up with is fine
> > by me.
> >
> > I am sympathetic. Guys, what do you reckon?
>
> > What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
> > > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL....
> >
> > My apologies for not chiming in in anything resembling a reasonable
> > timeframe.
> >
> > I'd also suggest the LGPL, for the reason you noted above. Alternately,
> > GPLv2 with the option of using the library under a later version of the
> > GPL would permit applications which were released under version 3 of the
> > GPL to use the library, too, which would be sufficient for the packages
> > which are included in Fedora. FWIW, I'd personally lean toward LGPL..
> >
> > In any case, I thank you both for working on sorting this out.

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

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
> >
> > yes. go for it. thanks++

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

-mike
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.

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From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
    by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
    by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxptr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
    by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
    by rutherford.zen.co.uk with esmtp (Exim 4.50)
    id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dadac0afplf2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
    <EC90713277D2BE41B710CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
    <1b1b3fd80710010908k11dadac0afplf2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=floated
> > ---------- Forwarded message ----------
> > From: Neulinger, Nathan <nneul@umr.edu>
> > Date: Sep 27, 2007 2:58 PM
> > Subject: RE: cracklib license
> > To: alecm@crypto.dircon.co.uk
> >
> > Any chance you could write me a self-contained email stating clearly
> > that the license is being changed to GPL, so I could include that
> > email
> > in the repository and clean up the repository/tarballs? I have all the
> > original discussion, but something succinct and self contained
> > would be
> > ideal.
>
> The license for my code in the Cracklib distribution is henceforth GPL.
>
> Happy now? :-) 

-a

1.497 geo-ip 1.5.0

1.497.1 Available under license:

[ Note that while the core GeoIP library is licensed under the
LGPL, the libGeoIPUpdate library depends on md5.c and types.h
which are licensed under the GPL. ]

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

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Preamble

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To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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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.

   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 a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/core/convert/support/ConfigurableConversionService.java

*/

Found in path(s):
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/core/io/ByteArrayResource.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/core/io/InputStreamResource.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/util/concurrent/DelegatingCompletableFuture.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/util/comparator/NullSafeComparator.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/util/xml/AbstractXMLStreamReader.java
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/core/io/ClassPathResource.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-jar/org/springframework/core/io/AbstractFileResolvingResource.java

*/
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/util/function/SingletonSupplier.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/core/env/ReadOnlySystemAttributesMap.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/core/KotlinDetector.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/util/ConcurrencyThrottleSupport.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/util/InstanceFilter.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/framework/core/KotlinDetector.java
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/framework/core/io/support/ResourceArrayPropertyEditor.java
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/framework/core/GenericTypeResolver.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/framework/core/SpringVersion.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/framework/core/env/PropertySource.java
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* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1.jar/org/springframework/core/codec/DataBufferDecoder.java
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jar/org/springframework/cglib/core/KeyFactory.java
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jar/org/springframework/cglib/core/AsmApi.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
jar/org/springframework/cglib/core/AbstractClassGenerator.java
* /opt/cola/permits/1137623834_1614109188.75/0/spring-core-5-1-12-release-sources-1-
jar/org/springframework/cglib/core/ReflectUtils.java
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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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.

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

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

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

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

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^L

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

That's all there is to it!

1.507 mesa 17.2.3 8.20171019.el7
1.507.1 Available under license:
Legal characters in GLSL are:

- Identifier characters:
  - Letters a-z
  - Letters A-Z
  - Underscore
  - Numbers 0-9

- Punctuation:
  - Period, plus, dash, slash, asterisk, percent, angled brackets,
  - square brackets, parentheses, braces, caret, vertical bar,
  - ampersand, tilde, equals, exclamation point, colon, semicolon,
  - comma, and question mark

- Special:
  - Number sign (as used in preprocessor)
  - Backslash just before newline as line continuation

- White space:
  - Space, horizontal tab, vertical tab, form feed, carriage-return,
    and line-feed.

- [GLSL Language Specification 4.30.6, section 3.1]

In this file, we test each of these in turn as follows:

- Identifier characters: All pass through unchanged
- Punctuation: All pass through unchanged
- Special: Empty directive replaced with blank line
  - Line continuation merges two lines, then a blank line
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Authors:
Ian Romanick <idr@us.ibm.com>

---

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
CC: "jorge@iryoku.com" <jorge@iryoku.com>
Yes to both questions.

Thanks,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:49 PM
To: Jorge Jimenez <iryoku@gmail.com>
CC: jorge@iryoku.com
Subject: Re: Question about Mesa MLAA license

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:
> Hi Tom,
>
> What we meant with that is that we made an exception for clause 2.
> Instead of clause 2, in the case of the Mesa project, you have to name
> the technique Jimenez's MLAA in the config options of Mesa. We did that
> just to allow them to solve license issues. This exception should be for
> the Mesa project, and any project using Mesa, like Fedora.
>
> We want to widespread usage of our MLAA, so we want to avoid any kind of
> license complications. Hope current one is good for Fedora, if not
> please tell, and we'll see what we can do!

Okay, a few more questions:

* If Fedora decides to simply reproduce the quoted statement:
  "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
  Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological
  anti-aliasing based on Jimenez's MLAA. 0 to disable, 8 for default
  quality". Is this in compliance with your exception?

Thanks again,

~tom

==
Fedora Project

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:39 PM
Hi Tom,

What we meant with that is that we made an exception for clause 2. Instead of clause 2, in the case of the Mesa project, you have to name the technique Jimenez's MLAA in the config options of Mesa. We did that just to allow them to solve license issues. This exception should be for the Mesa project, and any project using Mesa, like Fedora.

We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:30 PM
To: jorge@iryoku.com
Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.

The license says:

* 2. Redistributions in binary form must reproduce the following statement:
*   "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
* Only for use in the Mesa project, this point 2 is filled by naming the technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR

- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's MLAA" in the Mesa config options.
If the first item is true, then we may have to remove the MLAA code from Fedora's copy of Mesa. However, looking at the license on your SMAA code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway
Fedora Legal

==
Fedora Project

*****
reasons). It's just <em>Mesa</em> or <em>The Mesa 3-D graphics library</em>. <br>

<p>
* OpenGL is a trademark of <a href="https://www.sgi.com/">Silicon Graphics Incorporated</a>.<br></p>

<h1>License / Copyright Information</h1>

<p>The Mesa distribution consists of several components. Different copyrights and licenses apply to different components. For example, the GLX client code uses the SGI Free Software License B, and some of the Mesa device drivers are copyrighted by their authors. See below for a list of Mesa's main components and the license for each.</p>

<p>The core Mesa library is licensed according to the terms of the MIT license. This allows integration with the XFree86, Xorg and DRI projects.</p>

<p>The default Mesa license is as follows:</p>

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</pre>
<h1>Attention, Contributors</h1>

When contributing to the Mesa project you must agree to the licensing terms of the component to which you're contributing. The following section lists the primary components of the Mesa distribution and their respective licenses.

<h1>Mesa Component Licenses</h1>

<pre>
<table>
<thead>
<tr>
<th>Component</th>
<th>Location</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Mesa code</td>
<td>src/mesa/</td>
<td>MIT</td>
</tr>
<tr>
<td>Device drivers</td>
<td>src/mesa/drivers/*</td>
<td>MIT, generally</td>
</tr>
<tr>
<td>Gallium code</td>
<td>src/gallium/</td>
<td>MIT</td>
</tr>
<tr>
<td>Ext headers</td>
<td>include/GL/glext.h</td>
<td>Khronos</td>
</tr>
<tr>
<td></td>
<td>include/GL/glxext.h</td>
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</tr>
<tr>
<td>GLX client code</td>
<td>src/glx/</td>
<td>SGI Free Software License B</td>
</tr>
<tr>
<td>C11 thread</td>
<td>include/c11/threads*.h</td>
<td>Boost (permissive)</td>
</tr>
<tr>
<td>emulation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
</pre>

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1.508 cpp 8.3.0-r0

1.508.1 Available under license:

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Version 2, June 1991
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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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  jar/org/springframework/web/context/support/ServletContextResourceLoader.java
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/server/ServerWebExchangeDecorator.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/server/reactive/ServerHttpRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/server/reactive/UndertowServerHttpRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/bind/annotation/CrossOrigin.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/codec/support/ServerDefaultCodecsImpl.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/converter/xml/AbstractJaxb2HttpMessageConverter.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/client/OkHttp3ClientHttpRequestFactory.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/converter/cbor/MappingJackson2CborHttpMessageConverter.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/server/adapter/ForwardedHeaderTransformer.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/HttpRange.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/util/WebUtils.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/server/reactive/AbstractServerHttpRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/server/ServerHttpRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/http/RequestEntity.java
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
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  jar/org/springframework/web/context/support/OrderComparatorStrategyBuilder.java
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# A type that has no unique extension can be ignored -- they are listed
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# ===============
# 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/atr
# application/atr+json
# application/atom+xml
# application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
# application/atomsvc+xml
## application/atom+xml
# application/auth-policy+xml
# application/bacnet-xdd+xml
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
# application/scim+json
application/scvp-cv-requestscq
application/scvp-cv-responsescscs
application/scvp-vp-requestsproc
application/scvp-vp-responsesppp
application/sdpsdp
# application/sep+xml
# application/sep-exi
# application/session-info
# application/set-payment
application/set-payment-initiationsetpay
# application/set-registration
application/set-registration-initiationsetreg
# application/sgml
# application/sgml-open-catalog
application/shf+xmlshf
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/simplesymbolcontainer
# application/slate
# application/smil
application/smil+xmlsmil
# application/smp336m
# application/soap+fastinfoset
# application/soap+xml
application/sparql-queryrq
application/sparql-results+xmlxmlsr
# application/spirits-event+xml
# application/sql
application/srgsgram
application/srgs+xmlxmlgr
application/sru+xmlxmlru
application/ssdl+xmlxmlssdl
application/ssml+xmlxmlssml
# application/tamp-apex-update
# application/tamp-apex-update-confirm
# application/tamp-community-update
# application/tamp-community-update-confirm
# application/tamp-error
# application/tamp-sequence-adjust
# application/tamp-sequence-adjust-confirm
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# application/tamp-status-response
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# application/urc-ressheet+xml
# application/urc-targetdesc+xml
# application/urc-uisocketdesc+xml
# application/vcard+json
# application/vcard+xml
# application/vemmi
# application/vividence.scriptfile
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/compiler/MemberCodeGen.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/ClassMap.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/tools/rmi/RemoteException.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/ConstantAttribute.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/compiler/AccessorMaker.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/util/proxy/SerializedProxy.java
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*/

Found in path(s):
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/bytecode/annotation/DoubleMemberValue.java
1.511 realmd 0.16.1 9.el7

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1.516 yavijava 6.0.03
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/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class ExpiredAddonLicense extends ExpiredFeatureLicense {
    
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package com.vmware.vim25;

import java.util.Calendar;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class ExpiredFeatureLicense extends NotEnoughLicenses {
    public String feature;
    public int count;
    public Calendar expirationDate;

    public String getFeature() {
        return this.feature;
    }

    public int getCount() {
        return this.count;
    }

    public Calendar getExpirationDate() {
        return this.expirationDate;
    }

    public void setFeature(String feature) {
        this.feature = feature;
    }

    public void setCount(int count) {
        this.count = count;
    }

    public void setExpirationDate(Calendar expirationDate) {
        this.expirationDate = expirationDate;
    }
}

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package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class Permission extends DynamicData {
    public ManagedObjectReference entity;
    public String principal;
    public boolean group;
    public int roleId;
    public boolean propagate;

    public ManagedObjectReference getEntity() {
        return this.entity;
    }

    public String getPrincipal() {
        return this.principal;
    }
}
public boolean isGroup() {
    return this.group;
}

public int getRoleId() {
    return this.roleId;
}

public boolean isPropagate() {
    return this.propagate;
}

public void setEntity(ManagedObjectReference entity) {
    this.entity = entity;
}

public void setPrincipal(String principal) {
    this.principal = principal;
}

public void setGroup(boolean group) {
    this.group = group;
}

public void setRoleId(int roleId) {
    this.roleId = roleId;
}

public void setPropagate(boolean propagate) {
    this.propagate = propagate;
}

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package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class InvalidEditionLicense extends NotEnoughLicenses {
    public String feature;

    public String getFeature() {
        return this.feature;
    }

    public void setFeature(String feature) {
        this.feature = feature;
    }
}

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package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class VramLimitLicense extends NotEnoughLicenses {
    public int limit;

    public int getLimit() {
        return this.limit;
    }

    public void setLimit(int limit) {
        this.limit = limit;
    }
}

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package com.vmware.vim25;

/**
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 */

@SuppressWarnings("all")
public class NotEnoughLicenses extends RuntimeFault {
}

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/**
 * @author Steve Jin (http://www.doublecloud.org)
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 */

@SuppressWarnings("all")
public class VmLimitLicense extends NotEnoughLicenses {
    public int limit;

    public int getLimit() {
        return this.limit;
    }

    public void setLimit(int limit) {
        this.limit = limit;
    }
}

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*/
package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
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@SuppressWarnings("all")
public class ExpiredEditionLicense extends ExpiredFeatureLicense {
}

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package com.vmware.vim25;

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class InvalidLicense extends VimFault {
    public String licenseContent;

    public String getLicenseContent() {
        return this.licenseContent;
    }

    public void setLicenseContent(String licenseContent) {
        this.licenseContent = licenseContent;
    }
}

---

1.517 zlib 1.2.7-17.el7

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 */

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0
---
#1:         32       7648  0x83
#2:       7680       8704  0xa5
#5:       7936       4864  0x7 (freebsd)
#6:      12544       3584  0x7 (freebsd)

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Initialize empty image
f1c9645dbc14efddd7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout--------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
-------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
-------------------

Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbe bsd.img
---layout--------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
__ts_dev__2 4096 20479 8192 a5 FreeBSD
---------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------
Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsize bsize cpg]
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):
-------------------
b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------
Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsize bsize cpg]
a: 4096 6144 2049 4.2BSD 0 0 0
c:  4096  20479  16384  unused  0  0

d:  0  16064  16065  unused  0  0

BSD disklabel command (m for help):
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):

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

BSD disklabel command (m for help):

1.519 libxt 1.1.5 3.el7

1.520 hk2 2.5.0-b32
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/META-INF/validation-mapping-1.0.xsd
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/META-INF/validation-mapping-1.1.xsd
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/META-INF/validation-configuration-1.0.xsd
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/META-INF/validation-configuration-1.1.xsd
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/META-INF/validation-configuration-2.0.xsd
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/META-INF/validation-mapping-2.0.xsd

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* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalDate.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/metadata/aggregated/MetaDataBuilder.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypePath.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForReadablePartial.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/xml/config/ValidationConfigStaxBuilder.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalTime.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractJavaTimeValidator.java
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-
Open Source Used In Cisco SD-WAN Cloud OnRamp for Colocation 4.7.1 5504
jar/org/hibernate/validator/cfg/defs/MinDef.java
*/
/h/account/jar/org/hibernate/validator/internal/constraintvalidators/hv/SafeHtmlValidator.java
*/
/h/account/jar/org/hibernate/validator/internal/cfg/context/ConstraintMappingContextImplBase.java
*/
/h/account/jar/org/hibernate/validator/internal/metadata/raw/ConstrainedField.java
*/
/h/account/jar/org/hibernate/validator/internal/cfg/context/PropertyConstraintMappingContextImpl.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):
*/
/h/account/jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
*/

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6-0-19-final-sources-jar/org/hibernate/validator/internal/util/TypeHelper.java
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*/
/
/*
* Written by Doug Lea with assistance from members of JCP JSR-166
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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 an <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>
* <pre>
Can be specified on any method or constructor.

@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
public void createEvent(Date start, Date end) {
 ... 
}

@pre

/**
 * @author Gunnar Morling
 */

Found in path(s):
/opt/ws_local/PERMITS_SQL/1070667431_1594726833.47/0/hibernate-validator-6.0.19-final-sources-jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

### 1.522 commons-logging 1.1.2

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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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changes were used in the work (which must be distributed under
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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.

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1.527 micrometer-core 1.3.3

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1.531 libteam 1.27 4.el7

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* 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@ezee.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.iitd@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

* [Your name or handle] <[email or website]>  
* [Brief summary of your changes]

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1.536 ifplugd 0.28

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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/support/ReflectiveMethodExecutor.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/AstUtils.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/support/ReflectionHelper.java
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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/support/BooleanTypedValue.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/OpLE.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/StringLiteral.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/Operation.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/VariableReference.java
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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/standard/InternalSpelExpressionParser.java
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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/OpEQ.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/ast/OpGT.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spl/support/DataBindingMethodResolver.java
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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
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jar/org/springframework/expression/spel/ast/Selection.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
jar/org/springframework/expression/spel/CodeFlow.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
jar/org/springframework/expression/spel/standard/SpelExpression.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
jar/org/springframework/expression/spel/ast/InlineList.java

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  jar/org/springframework/expression/spel/InternalParseException.java
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  jar/org/springframework/expression/MethodExecutor.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/MethodResolver.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/ConstructorExecutor.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/ExpressionInvocationTargetException.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/common/TemplateParserContext.java
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  jar/org/springframework/expression/spel/CompilablePropertyAccessor.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/spel/standard/SpelExpressionParser.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/spel/standard/TokenKind.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/spel/TypeLocator.java

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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/ConstructorResolver.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/spel/standard/TokenKind.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
  jar/org/springframework/expression/TypeLocator.java
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* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spel/ast/MethodReference.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-jar/org/springframework/expression/spel/support/ReflectivePropertyAccessor.java
* /opt/cola/permits/1137623501_1614109158.2/0/spring-expression-5-1-12-release-sources-1-
1.545 musl 1.1.20-r4

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org.eclipse.jetty.toolchain:jetty-schemas

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/./spring-boot-actuator-2-2-7-release-sources-1.jar
/./springframework/boot/actuate/metrics/web/client/DefaultRestTemplateExchangeTagsProvider.java
/./springframework/boot/actuate/info/BuildInfoContributor.java
/./springframework/boot/actuate/endpoint/OperationType.java
/./springframework/boot/actuate/endpoint/web/EndpointMediaTypes.java
/./springframework/boot/actuate/endpoint/web/ServletEndpointRegistrar.java
/./springframework/boot/actuate/web/mappings/servlet/RegistrationMappingDescription.java
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1.554 commons-daemon 1.0.13

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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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* https://github.com/eclipse-ee4j/jersey

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- javaee_web_services_1_3.xsd
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- jsp_2_2.xsd
- web-app_3_0.xsd
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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

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

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Apache

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

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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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

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#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: /* UV_BSD_H */

Files: *

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1.569 c-ares 1.16.1
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1.572 tomcat-embed-websocket 9.0.29

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1.573 blackfriday 2.0.1

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1.574 util-linux 2.23.2 59.el7.centos

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 */

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

---

#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)

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Initialize empty image
f1c9645dbd14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e8d1266e2df055067c18f2c9 bsd.img

---layout--------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

Device    Boot     Start   End     Blocks   Id  System
----------- ------- ------ ------- -------- ------ -------

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

Device    Boot     Start   End     Blocks   Id  System
----------- ------- ------ ------- -------- ------ -------
__ts_dev__1        2048    4095     1024   83  Linux

Create 2st primary partition
1bebf87248e05d6e4e626749da5d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbc bsd.img

---layout--------
__ts_dev__: 10 MB, 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
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th>Device</th>
<th>Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>_ts_dev_1</td>
<td></td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td>_ts_dev_2</td>
<td></td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start   end    size  fstype  [fsise bsize cpg]
c: 4096 20479 16384  unused  0 0
d: 0 16064 16065  unused  0 0

BSD disklabel command (m for help):
Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start   end    size  fstype  [fsise bsize cpg]
a: 4096 6144 2049 4.2BSD  0 0 0
c: 4096 20479 16384  unused  0 0
d: 0 16064 16065  unused  0 0
BSD disklabel command (m for help):
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):

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

BSD disklabel command (m for help):

1.575 hibernate-validator 5.3.6.Final
1.575.1 Available under license:

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* Hibernate Validator, declare and validate application constraints
* 
* License: Apache License, Version 2.0
* 
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
*/
/**
* 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):
   /*
   */
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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.
* */
*
* 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
* [javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
* will be used as parameter names.
* */
*
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* */
*/

Found in path(s):
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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*/

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* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/util/TypeHelper.java
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Found in path(s):
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/spi/resourceloading/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/constraints/br/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/constraints/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/engine/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/constraintvalidation/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/raw/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/group/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/provider/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/META-INF/validation-mapping-1.1.xsd
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/engine/groups/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/location/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-
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 */

Found in path(s):
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/location/ConstraintLocation.java
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/descriptor/GroupConversionDescriptorImpl.java
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedExecutable.java
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/hv/URLValidator.java
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/hv/EmailValidator.java
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/facets/Validatable.java
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/aggregated/rule/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/util/scriptengine/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/xml/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/util/logging/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator CFG/context/package.html
* /opt/cola/permits/1110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator internal engine resolver package.html
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertContext.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/BeginState.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/valuehandling/package-info.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/cfg/context/ConstraintDefinitionContext.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/xml/MetaConstraintBuilder.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/cfg/defs/EANDef.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/engine/groups/Group.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/cfg/context/ConstructorTarget.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorContextImpl.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/br/CNPJ.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/spi/cfg/ConstraintMappingContributor.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/xml/ConstrainedExecutableBuilder.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/messageinterpolation/ParameterMessageInterpolator.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/ReflectionHelper.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/privilegedactions/GetDeclaredConstructors.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/EscapedState.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/resourceloading/CachingResourceBundleLocator.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/resourceloading/MapBasedVariableMapper.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/messageinterpolation/ParameterMessageInterpolator.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/hv/SizeValidatorForArraysOfInt.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/hv/SafeHtmlValidator.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/privilegedactions/NewInstance.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/MessageInterpolator.java
* /opt/cola/permits/110667112_1606842300.21/0/hibernate-validator-5-3-6-final-sources-5-jar/org/hibernate/validator/internal/metadata/aggregated/ParameterMetadata.java

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 * Expert Group and released to the public domain, as explained at
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 */
1.576 ncurses 5.9

1.576.1 Available under license:

Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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Files: install-sh

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1.577 lvm2 2.02.177 4.el7

1.577.1 Available under license:

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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
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engineering for debugging such modifications.

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directing the user to the copy of this License. Also, you must do one
of these things:

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

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

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

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

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

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`#*STARTUP: showall`

* DNS resolver (dirnmgr/dns.c)

`dns.c` - Recursive, Reentrant DNS Resolver.

```
                  !--------------------------------------------------------------------------
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1.581 passwd 0.79-4.el7.centos

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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/format/number/.money/CurrencyUnitFormatter.java
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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/context/PayloadApplicationEvent.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/scheduling/support/RemoteTimeoutException.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/scheduling/config/ManagedNotification.java
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/**
 * Abstract the invocation of a cache operation.
 * 
 * <p>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.
 *
 * @author Stephane Nicoll
 * @since 4.1
 */

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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/context/annotation/PropertySources.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/context/ApplicationContext.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/format/AnnotationFormatterFactory.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/cache/interceptor/BasicOperation.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
  jar/org/springframework/validation/annotation/Validated.java
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*/
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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>
* </ul>
*
* <p>If a [@code @Configuration] class is marked with [@code @Conditional],
* all of the [@code @Bean] methods, [@link Import @Import] annotations, and
* [@link ComponentScan @ComponentScan] annotations associated with that
* class will be subject to the conditions.
*
* <p>Note: Inheritance of [@code @Conditional] annotations
* is not supported; any conditions from superclasses or from overridden
* methods will not be considered. In order to enforce these semantics,
* [@code @Conditional] itself is not declared as
* [@link java.lang.annotation.Inherited @Inherited]; furthermore, any
* custom <em>composed annotation</em> that is meta-annotated with
* [@code @Conditional] must not be declared as [@code @Inherited].
*
* [@author Phillip Webb]
* [@author Sam Brannen]
* [@since 4.0]
* [@see Condition]
*/

Found in path(s):
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
jar/org/springframework/context/annotation/Conditional.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
* 
/com/ibm/websphere/management/AdminServiceFactory.html">{@code AdminServiceFactory}</a>
* and
* 
* 
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

Found in path(s):
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
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  jar/org/springframework/validation/MapBindingResult.java

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1.595 tar 1.26 35.el7.centos

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John R. Hauser
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#define TARGET_FREEBSD_MAP_RESERVED0100 0x0100 /* previously unimplemented MAP_NOEXTEND */
#define TARGET_FREEBSD_MAP_STACK        0x0400 /* region grows down, like a stack */
#define TARGET_FREEBSD_MAP_NOSYNC       0x0800 /* page to but do not sync underlying file */

#define TARGET_FREEBSD_MAP_FLAGMASK     0x1ff7


/* $FreeBSD: src/sys/sys/mman.h,v 1.42 2008/03/28 04:29:27 ps Exp $ */

#define TARGET_FREEBSD_MAP_RESERVED0080 0x0080 /* previously misimplemented MAP_INHERIT */
#define TARGET_FREEBSD_MAP_RESERVED0100 0x0100 /* previously unimplemented MAP_NOEXTEND */
#define TARGET_FREEBSD_MAP_STACK        0x0400 /* region grows down, like a stack */
#define TARGET_FREEBSD_MAP_NOSYNC       0x0800 /* page to but do not sync underlying file */
#define TARGET_FREEBSD_MAP_FLAGMASK     0x1ff7


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 * */
*/
#define TARGET_NETBSD_MAP_INHERIT       0x0080  /* region is retained after exec */
#define TARGET_NETBSD_MAP_TRYFIXED      0x0400 /* attempt hint address, even within break */
#define TARGET_NETBSD_MAP_WIRED         0x0800  /* mlock() mapping when it is established */
#define TARGET_NETBSD_MAP_STACK         0x2000  /* allocated from memory, swap space (stack) */
#define TARGET_NETBSD_MAP_FLAGMASK      0x3ff7

/* $NetBSD: mman.h,v 1.11 1995/03/26 20:24:23 jtc Exp $ */

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*       @(#)mman.h      8.1 (Berkeley) 6/2/93
*/

#define TARGET_OPENBSD_MAP_INHERIT      0x0080  /* region is retained after exec */
#define TARGET_OPENBSD_MAP_NOEXTEND     0x0100  /* for MAP_FILE, don't change file size */
#define TARGET_OPENBSD_MAP_TRYFIXED     0x0400  /* attempt hint address, even within heap */
#define TARGET_OPENBSD_MAP_FLAGMASK     0x17f7

// XXX
#define TARGET_BSD_MAP_FLAGMASK         0x3ff7

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   *
   * @(#)errno.h     8.5 (Berkeley) 1/21/94
   */

#define TARGET_EPERM            1               /* Operation not permitted */
#define TARGET_ENOENT           2               /* No such file or directory */
#define TARGET_ESRCH            3               /* No such process */
#define TARGET_EINTR            4               /* Interrupted system call */
#define TARGET_EIO 5      /* Input/output error */
#define TARGET_ENXIO 6     /* Device not configured */
#define TARGET_E2BIG 7     /* Argument list too long */
#define TARGET_ENOEXEC 8   /* Exec format error */
#define TARGET_EBADF 9     /* Bad file descriptor */
#define TARGET_ECHILD 10   /* No child processes */
#define TARGET_EDEADLK 11  /* Resource deadlock avoided */
        /* 11 was EAGAIN */
#define TARGET_ENOMEM 12   /* Cannot allocate memory */
#define TARGET_EACCES 13   /* Permission denied */
#define TARGET_EFAULT 14   /* Bad address */
#define TARGET_ENOTBLK 15  /* Block device required */
#define TARGET_EBUSY 16    /* Device busy */
#define TARGET_EEXIST 17   /* File exists */
#define TARGET_EXDEV 18    /* Cross-device link */
#define TARGET_ENODEV 19   /* Operation not supported by device */
#define TARGET_ENOTDIR 20  /* Is a directory */
#define TARGET_EISDIR 21   /* Is a directory */
#define TARGET EINVAL 22    /* Invalid argument */
#define TARGET_ENFILE 23   /* Too many open files in system */
#define TARGET_EMFILE 24   /* Too many open files */
#define TARGET_ENOTTY 25   /* Inappropriate ioctl for device */
#define TARGET_ETXTBSY 26  /* Text file busy */
#define TARGET_EFBIG 27    /* File too large */
#define TARGET_ENOSPC 28   /* No space left on device */
#define TARGET_ESPIPE 29   /* Illegal seek */
#define TARGET_EROFS 30    /* Read-only file system */
#define TARGET_EMLINK 31   /* Too many links */
#define TARGET_EPIPE 32    /* Broken pipe */

        /* math software */
#define TARGET_EDOM 33     /* Numerical argument out of domain */
#define TARGET_ERANGE 34   /* Result too large */

        /* non-blocking and interrupt i/o */
#define TARGET_EAGAIN 35   /* Resource temporarily unavailable */
#define TARGET_EWOULDBLOCK EAGAIN   /* Operation would block */
#define TARGET_EINPROGRESS 36 /* Operation now in progress */
#define TARGET_EALREADY 37  /* Operation already in progress */

        /* ipc/network software -- argument errors */
#define TARGET_ENOTSOCK 38  /* Socket operation on non-socket */
#define TARGET_EDESTADDRREQ 39 /* Destination address required */
#define TARGET_EMSGSIZE 40  /* Message too long */
#define TARGET_EPROTOTYPE 41 /* Protocol wrong type for socket */
#define TARGET_ENOPROTOOPT 42 /* Protocol not available */
#define TARGET_ESOCKTNOSUPPORT 43 /* Protocol not supported */
#define TARGET_ESOCKTNOSUPPORT 44 /* Socket type not supported */
#define TARGET_EOPNOTSUPP 45 /* Operation not supported */
#define TARGET_EPFNOSUPPORT 46 /* Protocol family not supported */
#define TARGET_EAFNOSUPPORT 47 /* Address family not supported by protocol family */
#define TARGET_EADDRINUSE 48 /* Address already in use */
#define TARGET_EADDRNOTAVAIL 49 /* Can't assign requested address */

/* ipc/network software -- operational errors */
#define TARGET_ENETDOWN 50 /* Network is down */
#define TARGET_ENETUNREACH 51 /* Network is unreachable */
#define TARGET_ECONNRESET 52 /* Software dropped connection on reset */
#define TARGET_ECONNABORTED 53 /* Software caused connection abort */
#define TARGET_ENETRESET 54 /* Connection reset by peer */
#define TARGET_ENOBUFFS 55 /* No buffer space available */
#define TARGET_EISCONN 56 /* Socket is already connected */
#define TARGET_ENOTCONN 57 /* Socket is not connected */
#define TARGET_ESHUTDOWN 58 /* Can't send after socket shutdown */
#define TARGET_ELOOP 62 /* Too many levels of symbolic links */
#define TARGET_ENAMETOOLONG 63 /* File name too long */

/* should be rearranged */
#define TARGET_EHOSTDOWN 64 /* Host is down */
#define TARGET_EHOSTUNREACH 65 /* No route to host */
#define TARGET_ENOTEMPTY 66 /* Directory not empty */

/* quotas & mush */
#define TARGET_EPROCCLIM 67 /* Too many processes */
#define TARGET_EUSERS 68 /* Too many users */
#define TARGET_EDQUOT 69 /* Disk quota exceeded */

/* Network File System */
#define TARGET_ENFILE 70 /* Stale NFS file handle */
#define TARGET_EREMOTEMESS 71 /* Too many levels of remote in path */
#define TARGET_EBADADDR 72 /* RPC struct is bad */
#define TARGET_ERPCMISMATCH 73 /* RPC version wrong */
#define TARGET_EPROGUNAVAIL 74 /* RPC prog. not avail */
#define TARGET_EPROCUNAVAIL 75 /* Program version wrong */
#define TARGET_EPROCUNAVAIL 76 /* Bad procedure for program */
#define TARGET_ENOLCK 77 /* No locks available */
#define TARGET_ENOSYS 78 /* Function not implemented */
#define TARGET_EFTYPE 79 /* Inappropriate file type or format */
#define TARGET_EAUTH 80 /* Authentication error */
#define TARGET_ENEEDAUTH 81 /* Need authenticator */


#define TARGET_EIPSEC  82  /* IPsec processing failure */
#define TARGET_ENOATTR  83  /* Attribute not found */
#define TARGET_EILSEQ   84  /* Illegal byte sequence */
#define TARGET_ENOMEDIUM 85  /* No medium found */
#define TARGET_EMEDIUMTYPE 86  /* Wrong Medium Type */
#define TARGET_EOVERFLOW 87  /* Conversion overflow */
#define TARGET_ECANCELED 88  /* Operation canceled */
#define TARGET_EIDRM     89  /* Identifier removed */
#define TARGET_ENOMSG    90  /* No message of desired type */
#define TARGET_ELAST     90  /* Must be equal largest errno */

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{ TARGET_FREEBSD_NR___acl_aclcheck_fd, "__acl_aclcheck_fd", "%s(%d, %d, %d)", NULL, NULL },
{ TARGET_FREEBSD_NR___acl_aclcheck_file, "__acl_aclcheck_file", "%s("%s", %d, %d)", NULL, NULL },
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{ TARGET_FREEBSD_NR_chown, "chown", "chroot", NULL, NULL, NULL },
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{ TARGET_FREEBSD_NR_getuid, "getuid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_ioctl, "ioctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_issetugid, "issetugid", "%s()", NULL, NULL },
{ TARGET_FREEBSD_NR_kevent, "kevent", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kill, "kill", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_kqueue, "kqueue", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_ktrace, "ktrace", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lchown, "lchown", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_link, "link", "%s('%s',"'%'s')", NULL, NULL },
{ TARGET_FREEBSD_NR_listener, "listen", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lseekconf, "lseekconf", "%s('%s',%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_liket, "liket", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_lstat, "lstat", "%s('%s',%p)", NULL, NULL },
{ TARGET_FREEBSD_NR_madvise, "madvise", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mincore, "mincore", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mknod, "mknod", "%s('%s',%#o,%#x)", NULL, NULL },
{ TARGET_FREEBSD_NR_mlock, "mlock", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mlockall, "mlockall", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mmap, "mmap", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_mprotect, "mprotect", "%s(%#x,%#x,%d)", NULL, NULL },
{ TARGET_FREEBSD_NR_msgctl, "msgctl", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgrcv, "msgrcv", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_msgsnd, "msgsnd", NULL, NULL, NULL },
{ TARGET_FREEBSD_NR_miosct
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ifndef TOP
TOP = $(shell while ! test -e make.rules; do cd .. ; done; pwd)
export TOP
endif
include $(TOP)/make.rules

SUBDIRS=
ifeq ($(SNK_BIOSEMU_APPS), 1)
SUBDIRS += x86emu
endif
CLEANSUBDIRS = $(SUBDIRS)

all :
for subdir in $(SUBDIRS) ; do $(MAKE) -C $${subdir} || exit 1 ; done

# Common targets for all subdirectories:
clean distclean depend:
for subdir in $(CLEANSUBDIRS) ; do $(MAKE) -C $${subdir} $@ ; done

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ifndef TOP
TOP = $(shell while ! test -e make.rules; do cd .. ; done; pwd)
export TOP
endif
include $(TOP)/make.rules

ROOTDIR ?= ../..
LDLFLAGS=
ASFLAGS= -I/include -Wa,-mregnames

#NOTE: -DDEBUG only needed for debugging/tracing...
CFLAGS= -UDEBUG -m64 -I -L/include -L/include/x86emu \ -I$(TOP)/clients/net-snk/include -IS(ROOTDIR)/include \ -IS(ROOTDIR)/lib/libc/include -O3 -nostdinc -fno-builtin \
-ffreestanding -Wall -Wno-unused

X86EMU_OBJS= debug.o decode.o fpu.o ops2.o ops.o prim_ops.o sys.o

%.o: %.S
$(CC) $(ASFLAGS) -c -o $@ $^  

%.o: %.c
$(CC) $(CFLAGS) -c -o $@ $^  

all: libx86emu.a

libx86emu.a: $(X86EMU_OBJS)
$(AR) -rc $@ $(X86EMU_OBJS)
$(RANLIB) $@

clean:
$(RM) *.o *.i *.s libx86emu.a  

distclean: clean
/* $OpenBSD: syscall.h,v 1.101 2008/03/16 19:43:41 otto Exp */

/*
 * System call numbers.
 *
 * created from; OpenBSD: syscalls.master,v 1.90 2008/03/16 19:42:57 otto Exp
 */

#define TARGET_OPENBSD_NR_syscall 0
#define TARGET_OPENBSD_NR_exit 1
#define TARGET_OPENBSD_NR_fork 2
#define TARGET_OPENBSD_NR_read 3
#define TARGET_OPENBSD_NR_write 4
#define TARGET_OPENBSD_NR_open 5
#define TARGET_OPENBSD_NR_wait4 7
#define TARGET_OPENBSD_NR_link 9
#define TARGET_OPENBSD_NR_unlink 10
#define TARGET_OPENBSD_NR_chdir 12
#define TARGET_OPENBSD_NR_fchdir 13
#define TARGET_OPENBSD_NR_mknod 14
#define TARGET_OPENBSD_NR_chmod 15
#define TARGET_OPENBSD_NR_chown 16
#define TARGET_OPENBSD_NR_break 17
#define TARGET_OPENBSD_NR_getpid 20
#define TARGET_OPENBSD_NR_mount 21
#define TARGET_OPENBSD_NRUnmount 22
#define TARGET_OPENBSD_NR_Setuid 23
#define TARGET_OPENBSD_NR_getuid 24
#define TARGET_OPENBSD_NR_geteuid 25
#define TARGET_OPENBSD_NR_ptrace 26
#define TARGET_OPENBSD_NR_recvmsg 27
#define TARGET_OPENBSD_NR_sendmsg 28
#define TARGET_OPENBSD_NR_recvfrom 29
#define TARGET_OPENBSD_NR_accept 30
#define TARGET_OPENBSD_NR_getpeername 31
#define TARGET_OPENBSD_NR_getsockname 32
#define TARGET_OPENBSD_NR_access 33
#define TARGET_OPENBSD_NR_chflags 34
#define TARGET_OPENBSD_NR_fchflags 35
#define TARGET_OPENBSD_NR_sync 36
#define TARGET_OPENBSD_NR_kill 37
#define TARGET_OPENBSD_NR_getppid 39
#define TARGET_OPENBSD_NR_dup 41
#define TARGET_OPENBSD_NR_opipe 42
#define TARGET_OPENBSD_NR_getegid 43
#define TARGET_OPENBSD_NR_profil 44
#define TARGET_OPENBSD_NR_ktrace 45
#define TARGET_OPENBSD_NR_sigaction 46
#define TARGET_OPENBSD_NR_getgid 47
#define TARGET_OPENBSD_NR_getlogin 49
#define TARGET_OPENBSD_NR_setlogin 50
#define TARGET_OPENBSD_NR_acct 51
#define TARGET_OPENBSD_NR_sigpending 52
#define TARGET_OPENBSD_NR_osigaltstack 53
#define TARGET_OPENBSD_NR_ioctl 54
#define TARGET_OPENBSD_NR_reboot 55
#define TARGET_OPENBSD_NR_revoke 56
#define TARGET_OPENBSD_NR_symlink 57
#define TARGET_OPENBSD_NR_readlink 58
#define TARGET_OPENBSD_NR_execve 59
#define TARGET_OPENBSD_NR_umask 60
#define TARGET_OPENBSD_NR_chroot 61
#define TARGET_OPENBSD_NR_vfork 66
#define TARGET_OPENBSD_NR_sbrk 69
#define TARGET_OPENBSD_NR_sstk 70
#define TARGET_OPENBSD_NR_munmap 73
#define TARGET_OPENBSD_NR_mprotect 74
#define TARGET_OPENBSD_NR_madvise 75
#define TARGET_OPENBSD_NR_mincore 78
#define TARGET_OPENBSD_NR_getgroups 79
#define TARGET_OPENBSD_NR_getpgrp 81
#define TARGET_OPENBSD_NR_setpgid 82
#define TARGET_OPENBSD_NR_setitimer 83
#define TARGET_OPENBSD_NR_getitimer  86
#define TARGET_OPENBSD_NR_dup2       90
#define TARGET_OPENBSD_NR_fcntl      92
#define TARGET_OPENBSD_NR_select     93
#define TARGET_OPENBSD_NR_fsync      95
#define TARGET_OPENBSD_NR_setpriority 96
#define TARGET_OPENBSD_NR_socket     97
#define TARGET_OPENBSD_NR_connect    98
#define TARGET_OPENBSD_NR_getpriority 100
#define TARGET_OPENBSD_NR_sigreturn  103
#define TARGET_OPENBSD_NR_bind       104
#define TARGET_OPENBSD_NR_setsockopt 105
#define TARGET_OPENBSD_NR_listen     106
#define TARGET_OPENBSD_NR_sigsuspend 111
#define TARGET_OPENBSD_NR_gettimeofday        116
#define TARGET_OPENBSD_NR_getrusage  117
#define TARGET_OPENBSD_NR_getsockopt  118
#define TARGET_OPENBSD_NR_readv       120
#define TARGET_OPENBSD_NR_writev      121
#define TARGET_OPENBSD_NR_settimeofday        122
#define TARGET_OPENBSD_NR_fchown      123
#define TARGET_OPENBSD_NR_fchmod      124
#define TARGET_OPENBSD_NR_setreuid    126
#define TARGET_OPENBSD_NR_setregid    127
#define TARGET_OPENBSD_NR_rename      128
#define TARGET_OPENBSD_NR_flock       131
#define TARGET_OPENBSD_NR_mkdir       136
#define TARGET_OPENBSD_NR_rmdir       137
#define TARGET_OPENBSD_NR_utimes      138
#define TARGET_OPENBSD_NR_adjtime     140
#define TARGET_OPENBSD_NR_setsid      147
#define TARGET_OPENBSD_NR_quotactl    148
#define TARGET_OPENBSD_NR_nfssvc      155
#define TARGET_OPENBSD_NR_getfh       161
#define TARGET_OPENBSD_NR_sysarch     165
#define TARGET_OPENBSD_NR_pread       173
#define TARGET_OPENBSD_NR_pwrite      174
#define TARGET_OPENBSD_NR_setgid      181
#define TARGET_OPENBSD_NR_setegid     182
#define TARGET_OPENBSD_NR_seteuid     183
#define TARGET_OPENBSD_NR_lfs_bmapv   184
#define TARGET_OPENBSD_NR_lfs_markv   185
#define TARGET_OPENBSD_NR_lfs_segeclean 186
#define TARGET_OPENBSD_NR_lfs_segwait 187
#define TARGET_OPENBSD_NR_pathconf 191
#define TARGET_OPENBSD_NR_fpathconf 192
#define TARGET_OPENBSD_NR_swapctl 193
#define TARGET_OPENBSD_NR_getrlimit 194
#define TARGET_OPENBSD_NR_setrlimit 195
#define TARGET_OPENBSD_NR_getdirent 196
#define TARGET_OPENBSD_NR_mmap 197
#define TARGET_OPENBSD_NR___syscall 198
#define TARGET_OPENBSD_NR_lseek 199
#define TARGET_OPENBSD_NR_truncate 200
#define TARGET_OPENBSD_NR_ftruncate 201
#define TARGET_OPENBSD_NR___sysct1 202
#define TARGET_OPENBSD_NR_mlock 203
#define TARGET_OPENBSD_NR_munlock 204
#define TARGET_OPENBSD_NR_futimes 206
#define TARGET_OPENBSD_NR_getpgid 207
#define TARGET_OPENBSD_NR_xfsioctl 208
#define TARGET_OPENBSD_NR_semget 221
#define TARGET_OPENBSD_NR_msgget 225
#define TARGET_OPENBSD_NR_msgsnd 226
#define TARGET_OPENBSD_NR_msgrecv 227
#define TARGET_OPENBSD_NR_shmat 228
#define TARGET_OPENBSD_NR_shmdt 230
#define TARGET_OPENBSD_NR_clock_gettime 232
#define TARGET_OPENBSD_NR_clock_settime 233
#define TARGET_OPENBSD_NR_clock_getres 234
#define TARGET_OPENBSD_NR_nanosleep 240
#define TARGET_OPENBSD_NR_minherit 250
#define TARGET_OPENBSD_NR_rfork 251
#define TARGET_OPENBSD_NR_poll 252
#define TARGET_OPENBSD_NR_isetugid 253
#define TARGET_OPENBSD_NR_lchown 254
#define TARGET_OPENBSD_NR_getsid 255
#define TARGET_OPENBSD_NR_rsync 256
#define TARGET_OPENBSD_NR_pipe 263
#define TARGET_OPENBSD_NR_fhopen 264
#define TARGET_OPENBSD_NR_preadv 267
#define TARGET_OPENBSD_NR_pwritev 268
#define TARGET_OPENBSD_NR_kqueue 269
#define TARGET_OPENBSD_NR_kevent 270
#define TARGET_OPENBSD_NR_mlockall 271
#define TARGET_OPENBSD_NR_munlockall 272
#define TARGET_OPENBSD_NR_getpeereid 273
#define TARGET_OPENBSD_NR_getresuid 281
#define TARGET_OPENBSD_NR_setresuid 282
#define TARGET_OPENBSD_NR_getresgid 283
#define TARGET_OPENBSD_NR_setresgid 284
#define TARGET_OPENBSD_NR_mquery 286
#define TARGET_OPENBSD_NR_closefrom 287
#define TARGET_OPENBSD_NR_sigaltstack 288
#define TARGET_OPENBSD_NR_shmget 289
#define TARGET_OPENBSD_NR_semop 290
#define TARGET_OPENBSD_NR_stat 291
#define TARGET_OPENBSD_NR_fstat 292
#define TARGET_OPENBSD_NR_lstat 293
#define TARGET_OPENBSD_NR_fhstat 294
#define TARGET_OPENBSD_NR->___semctl 295
#define TARGET_OPENBSD_NR_shmctl 296
#define TARGET_OPENBSD_NR_msgctl 297
#define TARGET_OPENBSD_NR_sched_yield 298
#define TARGET_OPENBSD_NR_getthrid 299
#define TARGET_OPENBSD_NR_thrsleep 300
#define TARGET_OPENBSD_NR_thrwakeup 301
#define TARGET_OPENBSD_NR_threxit 302
#define TARGET_OPENBSD_NR_thrsigdivert 303
#define TARGET_OPENBSD_NR___getcwd 304
#define TARGET_OPENBSD_NR_adjfreq 305
#define TARGET_OPENBSD_NR_getfsstat 306
#define TARGET_OPENBSD_NR_statsfs 307
#define TARGET_OPENBSD_NR_fstatfs 308
#define TARGET_OPENBSD_NR_fhstatfs 309

/* syscall flags from machine/trap.h */

/* $OpenBSD: trap.h,v 1.4 2008/07/04 22:04:37 kettenis Exp $ */
/* $NetBSD: trap.h,v 1.4 1999/06/07 05:28:04 eeh Exp $ */

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*/
#define TARGET_OPENBSD_SYSCALL_G2RFLAG 0x400   /* on success, return to %g2 rather than npc */
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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
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releases have also been GPL-compatible; the table below summarizes
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/* $NetBSD: syscall.h,v 1.215 2008/06/17 16:07:57 tsutsui Exp $ */

/* System call numbers. *
* created fromNetBSD: syscalls.master,v 1.204 2008/06/17 16:05:23 tsutsui Exp *
*/

#define TARGET_NETBSD_NR_syscall 0
#define TARGET_NETBSD_NR_exit 1
#define TARGET_NETBSD_NR_fork 2
#define TARGET_NETBSD_NR_read 3
#define TARGET_NETBSD_NR_write 4
#define TARGET_NETBSD_NR_open 5
#define TARGET_NETBSD_NR_close 6
#define TARGET_NETBSD_NR_wait4 7
#define TARGET_NETBSD_NR_compat_43_oCreat 8
#define TARGET_NETBSD_NR_link 9
#define TARGET_NETBSD_NR_unlink 10
#define TARGET_NETBSD_NR_chdir 12
#define TARGET_NETBSD_NR_fchdir 13
#define TARGET_NETBSD_NR_mknod 14
#define TARGET_NETBSD_NR_chmod 15
#define TARGET_NETBSD_NR_chown 16
#define TARGET_NETBSD_NR_break 17
#define TARGET_NETBSD_NR_compat_20_getfsstat 18
#define TARGET_NETBSD_NR_compat_43_lseek 19
#define TARGET_NETBSD_NR_getpid 20
#define TARGET_NETBSD_NR_unmount 22
#define TARGET_NETBSD_NR_setuid 23
#define TARGET_NETBSD_NR_getuid 24
#define TARGET_NETBSD_NR_geteuid 25
#define TARGET_NETBSD_NR_ptrace 26
#define TARGET_NETBSD_NR_recvmsg 27
#define TARGET_NETBSD_NR_sendmsg 28
#define TARGET_NETBSD_NR_recvfrom 29
#define TARGET_NETBSD_NR_access 33
#define TARGET_NETBSD_NR_chflags 34
#define TARGET_NETBSD_NR_fchflags 35
#define TARGET_NETBSD_NR_sync 36
#define TARGET_NETBSD_NR_kill 37
#define TARGET_NETBSD_NR_compat_43_stat43 38
#define TARGET_NETBSD_NR_getppid 39
#define TARGET_NETBSD_NR_compat_43_lstat43 40
#define TARGET_NETBSD_NR_dup 41
#define TARGET_NETBSD_NR_pipe 42
#define TARGET_NETBSD_NR_getegid 43
#define TARGET_NETBSD_NR_get profil 44
#define TARGET_NETBSD_NR_ptrace 45
#define TARGET_NETBSD_NR_compat_13_siganction 46
#define TARGET_NETBSD_NR_getgid 47
#define TARGET_NETBSD_NR_getprof 47
#define TARGET_NETBSD_NR_compat_13_sigprocmask 48
#define TARGET_NETBSD_NR___getlogin 49
#define TARGET_NETBSD_NR___setlogin  50
#define TARGET_NETBSD_NR_acct    51
#define TARGET_NETBSD_NR_compat_13_sigpending  52
#define TARGET_NETBSD_NR_compat_13_sigtls  53
#define TARGET_NETBSD_NR_ioctl           54
#define TARGET_NETBSD_NR_revoke           55
#define TARGET_NETBSD_NR_symlink          56
#define TARGET_NETBSD_NR_readlink         57
#define TARGET_NETBSD_NR_execve           58
#define TARGET_NETBSD_NR_umask            59
#define TARGET_NETBSD_NR_chroot           60
#define TARGET_NETBSD_NR_compat_12_oreboot 61
#define TARGET_NETBSD_NR_ioctl           54
#define TARGET_NETBSD_NR_compat_12_oreboot 61
#define TARGET_NETBSD_NR_revoke           55
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/*
* System call numbers.
#define TARGET_FREEBSD_NR_syscall 0
#define TARGET_FREEBSD_NR_exit 1
#define TARGET_FREEBSD_NR_fork 2
#define TARGET_FREEBSD_NR_read 3
#define TARGET_FREEBSD_NR_write 4
#define TARGET_FREEBSD_NR_open 5
#define TARGET_FREEBSD_NR_close 6
#define TARGET_FREEBSD_NR_wait4 7
/* 8 is old creat */
#define TARGET_FREEBSD_NR_link 9
#define TARGET_FREEBSD_NR_unlink 10
/* 11 is obsolete execv */
#define TARGET_FREEBSD_NR_chdir 12
#define TARGET_FREEBSD_NR_fchdir 13
#define TARGET_FREEBSD_NR_mknod 14
#define TARGET_FREEBSD_NR_chmod 15
#define TARGET_FREEBSD_NR_chown 16
#define TARGET_FREEBSD_NR_break 17
#define TARGET_FREEBSD_NR_freebsd4_getfsstat 18
/* 19 is old lseek */
#define TARGET_FREEBSD_NR_getpid 20
#define TARGET_FREEBSD_NR_mount 21
#define TARGET_FREEBSD_NRUnmount 22
#define TARGET_FREEBSD_NR_setuid 23
#define TARGET_FREEBSD_NR_getuid 24
#define TARGET_FREEBSD_NR_geteuid 25
#define TARGET_FREEBSD_NR_ptrace 26
#define TARGET_FREEBSD_NR_recvmsg 27
#define TARGET_FREEBSD_NR_sendmsg 28
#define TARGET_FREEBSD_NR_recvfrom 29
#define TARGET_FREEBSD_NR_accept 30
#define TARGET_FREEBSD_NR_getpeername 31
#define TARGET_FREEBSD_NR_getsockname 32
#define TARGET_FREEBSD_NR_access 33
#define TARGET_FREEBSD_NR_chflags 34
#define TARGET_FREEBSD_NR_fchflags 35
#define TARGET_FREEBSD_NR_sync 36
#define TARGET_FREEBSD_NR_kill 37
/* 38 is old stat */
#define TARGET_FREEBSD_NR_getppid 39
/* 40 is old lstat */
#define TARGET_FREEBSD_NR_dup 41
#define TARGET_FREEBSD_NR_pipe 42
```c
#define TARGET_FREEBSD_NR_getegid 43
#define TARGET_FREEBSD_NR_profil 44
#define TARGET_FREEBSD_NR_ktrace 45
/* 46 is old sigaction */
#define TARGET_FREEBSD_NR_getgid 47
/* 48 is old sigprocmask */
#define TARGET_FREEBSD_NR_getlogin 49
#define TARGET_FREEBSD_NR_setlogin 50
#define TARGET_FREEBSD_NR_acct 51
/* 52 is old sigpending */
#define TARGET_FREEBSD_NR_sigaltstack 53
#define TARGET_FREEBSD_NR_ioctl 54
#define TARGET_FREEBSD_NR_reboot 55
#define TARGET_FREEBSD_NR_revoke 56
#define TARGET_FREEBSD_NR_symlink 57
#define TARGET_FREEBSD_NR_readlink 58
#define TARGET_FREEBSD_NR_execve 59
#define TARGET_FREEBSD_NR_umask 60
#define TARGET_FREEBSD_NR_chroot 61
/* 62 is old fstat */
/* 63 is old getkerninfo */
/* 64 is old getpagesize */
#define TARGET_FREEBSD_NR_msync 65
#define TARGET_FREEBSD_NR_vfork 66
/* 67 is obsolete vread */
/* 68 is obsolete vwrite */
#define TARGET_FREEBSD_NR_sbrk 69
#define TARGET_FREEBSD_NR_sstk 70
/* 71 is old mmap */
#define TARGET_FREEBSD_NR_vadvise 72
#define TARGET_FREEBSD_NR_munmap 73
#define TARGET_FREEBSD_NR_mprotect 74
#define TARGET_FREEBSD_NR_madvise 75
/* 76 is obsolete vhangup */
/* 77 is obsolete vlimit */
#define TARGET_FREEBSD_NR_mincore 78
#define TARGET_FREEBSD_NR_getgroups 79
#define TARGET_FREEBSD_NR_setgroups 80
#define TARGET_FREEBSD_NR_getpgid 81
#define TARGET_FREEBSD_NR_setpgid 82
#define TARGET_FREEBSD_NR_setitimer 83
/* 84 is old wait */
#define TARGET_FREEBSD_NR_swapon 85
#define TARGET_FREEBSD_NR_getitimer 86
/* 87 is old gethostname */
/* 88 is old sethostname */
#define TARGET_FREEBSD_NR_getdtablesize 89
#define TARGET_FREEBSD_NR_dup2 90
```
#define TARGET_FREEBSD_NR_fcntl 92
#define TARGET_FREEBSD_NR_select 93
#define TARGET_FREEBSD_NR_fsync 95
#define TARGET_FREEBSD_NR_setpriority 96
#define TARGET_FREEBSD_NR_socket 97
#define TARGET_FREEBSD_NR_connect 98
/* 99 is old accept */
#define TARGET_FREEBSD_NR_getpriority 100
/* 101 is old send */
/* 102 is old recv */
/* 103 is old sigreturn */
#define TARGET_FREEBSD_NR_bind 104
#define TARGET_FREEBSD_NR_setsockopt 105
#define TARGET_FREEBSD_NR_listen 106
/* 107 is obsolete vtimes */
/* 108 is old sigvec */
/* 109 is old sigblock */
/* 110 is old sigsetmask */
/* 111 is old sigsuspend */
/* 112 is old sigstack */
/* 113 is old recvmsg */
/* 114 is old sendmsg */
/* 115 is obsolete vtrace */
#define TARGET_FREEBSD_NR_gettimeofday 116
#define TARGET_FREEBSD_NR_getrusage 117
#define TARGET_FREEBSD_NR_getsockopt 118
#define TARGET_FREEBSD_NR_readv 120
#define TARGET_FREEBSD_NR_writev 121
#define TARGET_FREEBSD_NR_settimeofday 122
#define TARGET_FREEBSD_NR_fchown 123
#define TARGET_FREEBSD_NR_fchmod 124
/* 125 is old recvfrom */
#define TARGET_FREEBSD_NR_setreuid 126
#define TARGET_FREEBSD_NR_setregid 127
#define TARGET_FREEBSD_NR_rename 128
/* 129 is old truncate */
/* 130 is old ftruncate */
#define TARGET_FREEBSD_NR_flock 131
#define TARGET_FREEBSD_NR_mknod 132
#define TARGET_FREEBSD_NR_sendto 133
#define TARGET_FREEBSD_NR_shutdown 134
#define TARGET_FREEBSD_NR_socketpair 135
#define TARGET_FREEBSD_NR_mkdir 136
#define TARGET_FREEBSD_NR_rmdir 137
#define TARGET_FREEBSD_NR_utimes 138
/* 139 is obsolete 4.2 sigreturn */
#define TARGET_FREEBSD_NR_adjtime 140
/* 141 is old getpeername */
/* 142 is old gethostid */
/* 143 is old gethostname */
/* 144 is old getrlimit */
/* 145 is old setrlimit */
/* 146 is old killpg */
#define TARGET_FREEBSD_NR_killpg 146 /* COMPAT */
#define TARGET_FREEBSD_NR_setsid 147
#define TARGET_FREEBSD_NR_quotactl 148
/* 149 is old quota */
/* 150 is old getsockname */
#define TARGET_FREEBSD_NR_nlm syscall 154
#define TARGET_FREEBSD_NR_nfssvc 155
/* 156 is old getdirentries */
#define TARGET_FREEBSD_NR_freebsd4_statfs 157
#define TARGET_FREEBSD_NR_freebsd4_fstatfs 158
#define TARGET_FREEBSD_NR_lgetfh 160
#define TARGET_FREEBSD_NR_getfh 161
#define TARGET_FREEBSD_NR_freebsd4_getdomainname 162
#define TARGET_FREEBSD_NR_freebsd4_setdomainname 163
#define TARGET_FREEBSD_NR_freebsd4_uname 164
#define TARGET_FREEBSD_NR_sysarch 165
#define TARGET_FREEBSD_NR_rtprio 166
#define TARGET_FREEBSD_NR_semmsys 169
#define TARGET_FREEBSD_NR_msgmsys 170
#define TARGET_FREEBSD_NR_shmsys 171
#define TARGET_FREEBSD_NR_freebsd6_pread 173
#define TARGET_FREEBSD_NR_freebsd6_pwrite 174
#define TARGET_FREEBSD_NR_setfib 175
#define TARGET_FREEBSD_NR_ntp_adjtime 176
#define TARGET_FREEBSD_NR_setgid 181
#define TARGET_FREEBSD_NR_setegid 182
#define TARGET_FREEBSD_NR_seteuid 183
#define TARGET_FREEBSD_NR_stat 188
#define TARGET_FREEBSD_NR_fstat 189
#define TARGET_FREEBSD_NR_lstat 190
#define TARGET_FREEBSD_NR_pathconf 191
#define TARGET_FREEBSD_NR_fpathconf 192
#define TARGET_FREEBSD_NR_getrlimit 194
#define TARGET_FREEBSD_NR_setrlimit 195
#define TARGET_FREEBSD_NR_getdirentries 196
#define TARGET_FREEBSD_NR_freebsd6_mmap 197
#define TARGET_FREEBSD_NR___syscall 198
#define TARGET_FREEBSD_NR_freebsd6___syscall 199
#define TARGET_FREEBSD_NR_freebsd6_truncate 200
#define TARGET_FREEBSD_NR_freebsd6_ftruncate 201
#define TARGET_FREEBSD_NR___sysctl 202
#define TARGET_FREEBSD_NR_mlock 203
#define TARGET_FREEBSD_NR_munlock 204
#define TARGET_FREEBSD_NR_undelete 205
#define TARGET_FREEBSD_NR_futimes 206
#define TARGET_FREEBSD_NR_getpgid 207
#define TARGET_FREEBSD_NR_poll 209
#define TARGET_FREEBSD_NR_freebsd7___semctl 220
#define TARGET_FREEBSD_NR_semget 221
#define TARGET_FREEBSD_NR_semop 222
#define TARGET_FREEBSD_NR_freebsd7_msgctl 224
#define TARGET_FREEBSD_NR_msgget 225
#define TARGET_FREEBSD_NR_msgsnd 226
#define TARGET_FREEBSD_NR_msgrcv 227
#define TARGET_FREEBSD_NR_shmat 228
#define TARGET_FREEBSD_NR_freebsd7_shmctl 229
#define TARGET_FREEBSD_NR_shmdt 230
#define TARGET_FREEBSD_NR_shmget 231
#define TARGET_FREEBSD_NR_clock_gettime 232
#define TARGET_FREEBSD_NR_clock_settime 233
#define TARGET_FREEBSD_NR_clock_getres 234
#define TARGET_FREEBSD_NR_ktimer_create 235
#define TARGET_FREEBSD_NR_ktimer_delete 236
#define TARGET_FREEBSD_NR_ktimer_settime 237
#define TARGET_FREEBSD_NR_ktimer_gettime 238
#define TARGET_FREEBSD_NR_ktimer_getoverrun 239
#define TARGET_FREEBSD_NR_nanosleep 240
#define TARGET_FREEBSD_NR_ntp_gettime 248
#define TARGET_FREEBSD_NR_minherit 250
#define TARGET_FREEBSD_NR_rfork 251
#define TARGET_FREEBSD_NR_openbsd_poll 252
#define TARGET_FREEBSD_NR_issetugid 253
#define TARGET_FREEBSD_NR_lchown 254
#define TARGET_FREEBSD_NR_aio_read 255
#define TARGET_FREEBSD_NR_aio_write 256
#define TARGET_FREEBSD_NR_lio_listio 257
#define TARGET_FREEBSD_NR_getdents 272
#define TARGET_FREEBSD_NR_lchmod 274
#define TARGET_FREEBSD_NR_netbsd_lchown 275
#define TARGET_FREEBSD_NR_lutimes 276
#define TARGET_FREEBSD_NR_netbsd_msync 277
#define TARGET_FREEBSD_NR_nstat 278
#define TARGET_FREEBSD_NR_nfstat 279
#define TARGET_FREEBSD_NR_nlstat 280
#define TARGET_FREEBSD_NR_preadv 289
#define TARGET_FREEBSD_NR_pwritev 290
#define TARGET_FREEBSD_NR_freebsd4_fhstatfs 297
#define TARGET_FREEBSD_NR_fhopen 298
#define TARGET_FREEBSD_NR_fhstat 299
#define TARGET_FREEBSD_NR_modnext 300
#define TARGET_FREEBSD_NR_modstat 301
#define TARGET_FREEBSD_NR_thr_set_name 464
#define TARGET_FREEBSD_NR_aio_fsync 465
#define TARGET_FREEBSD_NR_rtprio_thread 466
#define TARGET_FREEBSD_NR_sctp_peeloff 471
#define TARGET_FREEBSD_NR_sctp_generic_sendmsg 472
#define TARGET_FREEBSD_NR_sctp_generic-sendmsg_iov 473
#define TARGET_FREEBSD_NR_sctp_generic_recvmsg 474
#define TARGET_FREEBSD_NR_pread 475
#define TARGET_FREEBSD_NR_pwrite 476
#define TARGET_FREEBSD_NR_mmap 477
#define TARGET_FREEBSD_NR_lseek 478
#define TARGET_FREEBSD_NR_truncate 479
#define TARGET_FREEBSD_NR_ftruncate 480
#define TARGET_FREEBSD_NR_thr_kill2 481
#define TARGET_FREEBSD_NR_shm_open 482
#define TARGET_FREEBSD_NR_shm_unlink 483
#define TARGET_FREEBSD_NR_cpuset 484
#define TARGET_FREEBSD_NR_cpuset_setid 485
#define TARGET_FREEBSD_NR_cpuset_getid 486
#define TARGET_FREEBSD_NR_cpuset_getaffinity 487
#define TARGET_FREEBSD_NR_cpuset_getsetaffinity 488
#define TARGET_FREEBSD_NR_faccessat 489
#define TARGET_FREEBSD_NR_fchmodat 490
#define TARGET_FREEBSD_NR_fchownat 491
#define TARGET_FREEBSD_NR_fexecve 492
#define TARGET_FREEBSD_NR_fstatat 493
#define TARGET_FREEBSD_NR_futimesat 494
#define TARGET_FREEBSD_NR_linkat 495
#define TARGET_FREEBSD_NR_mkdirat 496
#define TARGET_FREEBSD_NR_mkfifoat 497
#define TARGET_FREEBSD_NR_mknodat 498
#define TARGET_FREEBSD_NR_openat 499
#define TARGET_FREEBSD_NR_readlinkat 500
#define TARGET_FREEBSD_NR_renameat 501
#define TARGET_FREEBSD_NR_symlinkat 502
#define TARGET_FREEBSD_NR_unlinkat 503
#define TARGET_FREEBSD_NR_posix_openpt 504
#define TARGET_FREEBSD_NR_gssd_syscall 505
#define TARGET_FREEBSD_NR_jail_get 506
#define TARGET_FREEBSD_NR_jail_set 507
#define TARGET_FREEBSD_NR_jail_remove 508
#define TARGET_FREEBSD_NR_closefrom 509
#define TARGET_FREEBSD_NR___semctl 510
#define TARGET_FREEBSD_NR_msgctl 511
#define TARGET_FREEBSD_NR_shmctl 512
#define TARGET_FREEBSD_NR_lpathconf 513
#define TARGET_FREEBSD_NR_cap_new 514
#define TARGET_FREEBSD_NR_cap_getrights 515
#define TARGET_FREEBSD_NR_cap_enter 516  
#define TARGET_FREEBSD_NR_cap_getmode 517  
#define TARGET_FREEBSD_NR_pdfork 518  
#define TARGET_FREEBSD_NR_pdkill 519  
#define TARGET_FREEBSD_NR_pdgetpid 520  
#define TARGET_FREEBSD_NR_pselect 522  
#define TARGET_FREEBSD_NR_getloginclass 523  
#define TARGET_FREEBSD_NR_setloginclass 524  
#define TARGET_FREEBSD_NR_rctl_get_racct 525  
#define TARGET_FREEBSD_NR_rctl_get_rules 526  
#define TARGET_FREEBSD_NR_rctl_get_limits 527  
#define TARGET_FREEBSD_NR_rctl_add_rule 528  
#define TARGET_FREEBSD_NR_rctl_remove_rule 529  
#define TARGET_FREEBSD_NR_posix_fallocate 530  
#define TARGET_FREEBSD_NR_posix_fadvise 531  
#define TARGET_FREEBSD_NR_MAXSYSCALL 532  

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===================================================================

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David Gibson <david@gibson.dropbear.id.au>
(principal original author of dtc and libfdt)
2 November 2007

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Lua is designed, implemented, and maintained by a team at PUC-Rio, the Pontifical Catholic University of Rio de Janeiro in Brazil. Lua was born and raised in Tecgraf, formerly the Computer Graphics Technology Group of PUC-Rio. Lua is now housed at LabLua, a laboratory of the Department of Computer Science of PUC-Rio.

The initial work to provide the UEFI implementation of Lua was done at Emulex Corporation.

Some final packaging and build file “beautification” was done at Intel Corporation.

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    Even though U-Boot in general is covered by the GPL-2.0/GPL-2.0+, this does *not* cover the so-called "standalone" applications that use U-Boot services by means of the jump table provided by U-Boot exactly for this purpose - this is merely considered normal use of U-Boot, and does *not* fall under the heading of "derived work".

    The header files "include/image.h" and "arch/*/include/asm/u-boot.h"
define interfaces to U-Boot. Including these (unmodified) header files in another file is considered normal use of U-Boot, and does *not* fall under the heading of "derived work".
-- Wolfgang Denk

Index: debug.c

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/debug.c,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- debug.c 7 Sep 2007 10:01:21 -0000 1.1
+++ debug.c 15 Jan 2008 13:49:25 -0000 1.3
@@ -52,7 +52,11 @@
 void X86EMU_trace_regs (void)
 {
  if (DEBUG_TRACE()) {
-    x86emu_dump_regs();
+    if (M.x86.mode & (SYSMODE_PREFIX_DATA | SYSMODE_PREFIX_ADDR)) {
+      x86emu_dump_xregs();
+    } else {
+      x86emu_dump_regs();
+    }
+  }
+  if (DEBUG_DECODE() && ! DEBUG_DECODE_NOPRINT()) {
  printk("%-20s",buf1);
  }

Index: ops2.c

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/ops2.c,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- ops2.c 7 Sep 2007 10:01:21 -0000 1.1
+++ ops2.c 20 Mar 2008 15:48:34 -0000 1.3
@@ -149,8 +149,69 @@
target += (s16) M.x86.R_IP;
 DECODE_PRINTF2("%04x\n", target);
 TRACE_AND_STEP();
-    if (cond)
+    if (cond) {

M.x86.R_IP = (u16)target;
+JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " LONG COND ");
+ }
+ DECODE_CLEAR_SEGOVR();
+ END_OF_INSTR();
+ }
+
+**************************************************************************
+REMARKS:
+Handles opcode 0x0f,0xC8-0xCF
+**************************************************************************/
+s32 x86emu_bswap(s32 reg)
+
+ // perform the byte swap
+ s32 temp = reg;
+ reg = (temp & 0xFF000000) >> 24;
+ reg |= (temp & 0xFF0000) >> 8;
+ reg |= (temp & 0xFF00) << 8;
+ reg |= (temp & 0xFF) << 24;
+ return reg;
+
+
+void x86emuOp2_bswap(u8 op2)
+
+ /* byte swap 32 bit register */
+ START_OF_INSTR();
+ DECODE_PRINTF("BSWAP\t");
+ switch (op2) {
+ case 0xc8:
+   DECODE_PRINTF("EAX\n");
+   M.x86.R_EAX = x86emu_bswap(M.x86.R_EAX);
+   break;
+ case 0xc9:
+   DECODE_PRINTF("ECX\n");
+   M.x86.R_ECX = x86emu_bswap(M.x86.R_ECX);
+   break;
+ case 0xca:
+   DECODE_PRINTF("EDX\n");
+   M.x86.R_EDX = x86emu_bswap(M.x86.R_EDX);
+   break;
+ case 0xcb:
+   DECODE_PRINTF("EBX\n");
+   M.x86.R_EBX = x86emu_bswap(M.x86.R_EBX);
+   break;
+ case 0xcc:
+   DECODE_PRINTF("ESP\n");
+   M.x86.R_ESP = x86emu_bswap(M.x86.R_ESP);
+   break;
+ case 0xcd:
+   DECODE_PRINTF("EBP\n");
+   M.x86.R_EBP = x86emu_bswap(M.x86.R_EBP);
+   break;
+ case 0xce:
+   DECODE_PRINTF("ESI\n");
+   M.x86.R_ESI = x86emu_bswap(M.x86.R_ESI);
+   break;
+ case 0xcf:
+   DECODE_PRINTF("EDI\n");
+   M.x86.R_EDI = x86emu_bswap(M.x86.R_EDI);
+   break;
+ }
+ TRACE_AND_STEP();
+ DECODE_CLEAR_SEGOVR();
+ END_OF_INSTR();
}
Bitte @ -1702,14 +1763,14 @@ */
/* 0xc5 */ x86emuOp2_illegal_op,
/* 0xc6 */ x86emuOp2_illegal_op,
/* 0xc7 */ x86emuOp2_illegal_op,
-//* 0xc8 */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xc9 */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xca */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xcb */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xcc */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xcd */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xce */ x86emuOp2_illegal_op, /* TODO: bswap */
-//* 0xcf */ x86emuOp2_illegal_op, /* TODO: bswap */
+//* 0xc8 */ x86emuOp2_bswap,
+//* 0xc9 */ x86emuOp2_bswap,
+//* 0xca */ x86emuOp2_bswap,
+//* 0xcb */ x86emuOp2_bswap,
+//* 0xcc */ x86emuOp2_bswap,
+//* 0xcd */ x86emuOp2_bswap,
+//* 0xce */ x86emuOp2_bswap,
+//* 0xcf */ x86emuOp2_bswap,
/* 0xd0 */ x86emuOp2_illegal_op,
/* 0xd1 */ x86emuOp2_illegal_op.
Index: ops.c

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/ops.c,v
retrieving revision 1.1
diff -u -u -r1.1 ops.c
--- ops.c7 Sep 2007 10:01:21 -0000
+++ ops.c20 Mar 2008 16:52:00 -0000
@@ -1061,7 +1061,11 @@
imm = (s8)fetch_byte_imm();
DECODE_PRINTF2("PUSH\t%d\n", imm);
TRACE_AND_STEP();
-    push_word(imm);
+    if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+        push_long(imm);
+    } else {
+        push_word(imm);
+    }
DECODE_CLEAR_SEGOVR();
END_OF_INST();
}
@@ -1256,8 +1260,10 @@
target = (u16)(M.x86.R_IP + (s16)offset);
DECODE_PRINTF2("%x\n", target);
TRACE_AND_STEP();
-    if (cond)
+    if (cond) {
M.x86.R_IP = target;
+        JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " NEAR COND ");
+    }
DECODE_CLEAR_SEGOVR();
END_OF_INST();
}
@@ -2516,9 +2522,11 @@
count = 1;
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
-    /* move them until CX is ZERO. */
-    count = M.x86.R_CX;
+    /* move them until (E)CX is ZERO. */
+    count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
    M.x86.R_CX = 0;
+    if (M.x86.mode & SYSMODE_32BIT_REP)
+        M.x86.R_ECX = 0;
M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} 
while (count--) {
@@ -2526,6 +2534,8 @@
store_data_byte_abs(M.x86.R_ES, M.x86.R_DI, val);
M.x86.R_SI += inc;
M.x86.R_DI += inc;
+    if (M.x86.intr & INTR_HALTED)
+        break;
}
DECODE_CLEAR_SEGOVR();
END_OF_INST();
@@ -2559,9 +2569,11 @@
count = 1;
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) { /* dont care whether REPE or REPNE */
    /* move them until CX is ZERO. */
    count = M.x86.R_CX;
    /* move them until (E)CX is ZERO. */
    count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
    M.x86.R_CX = 0;
+    if (M.x86.mode & SYSMODE_32BIT_REP) M.x86.R_ECX = 0;
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
+    if (M.x86.mode & SYSMODE_32BIT_REP)
+        M.x86.R_ECX = 0;
+        if (M.x86.mode & SYSMODE_PREFIX_REPNE) break;
+        if (M.x86.intr & INTR_HALTED) break;
    }

while (count--) {
    while ((M.x86.mode & SYSMODE_PREFIX_REPE) && (ACCESS_FLAG(F_ZF) == 0)) break;
    if (M.x86.intr & INTR_HALTED) break;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) { /* REPE */
        /* move them until CX is ZERO. */
        while (M.x86.R_CX != 0) {
            if (M.x86.mode & SYSMODE_32BIT_REP)
                M.x86.R_ECX -= 1;
            else
                M.x86.R_CX -= 1;
            M.x86.R_SI += inc;
            M.x86.R_DI += inc;
        }
    } else {
        if (M.x86.mode & SYSMODE_32BIT_REP)
            M.x86.R_ECX -= 1;
        else
            M.x86.R_CX -= 1;
        M.x86.R_SI += inc;
        M.x86.R_DI += inc;
        if ( (M.x86.mode & SYSMODE_PREFIX_REPE) && (ACCESS_FLAG(F_ZF) == 0) ) break;
        if ( (M.x86.mode & SYSMODE_PREFIX_REPNE) && ACCESS_FLAG(F_ZF) ) break;
        if (M.x86.intr & INTR_HALTED) break;
    }
}
TRACE_AND_STEP();
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* REPE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
        /* move them until (E)CX is ZERO. */
        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            if (M.x86.mode & SYSMODE_PREFIX_DATA) {
                val1 = fetch_data_long(M.x86.R_SI);
                val2 = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
            }
            if (M.x86.intr & INTR_HALTED)
                break;
            M.x86.R_CX -= 1;
        }
        if (M.x86.mode & SYSMODE_PREFIX_REPE)
            M.x86.R_ECX -= 1;
        else
            M.x86.R_CX -= 1;
        M.x86.R_SI += inc;
        M.x86.R_DI += inc;
        if ( (M.x86.mode & SYSMODE_PREFIX_REPE) && ACCESS_FLAG(F_ZF) == 0 ) break;
        if ( (M.x86.mode & SYSMODE_PREFIX_REPNE) && ACCESS_FLAG(F_ZF) ) break;
        if (M.x86.intr & INTR_HALTED)
            break;
    }
    M.x86.mode &= ~-(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
    TRACE_AND_STEP();
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
        /* move them until CX is ZERO. */
        while (M.x86.R_CX != 0) {
            /* move them until (E)CX is ZERO. */
            while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
                store_data_byte_abs(M.x86.R_ES, M.x86.R_DI, M.x86.R_AL);
                M.x86.R_CX -= 1;
            }
            if (M.x86.mode & SYSMODE_PREFIX_REPNE)
                M.x86.R_ECX -= 1;
            else
                M.x86.R_CX -= 1;
            M.x86.R_DI += inc;
            if (M.x86.intr & INTR_HALTED)
                break;
        }
        M.x86.mode &= ~-(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
    } else {

count = 1;
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
    /* move them until CX is ZERO. */
    count = M.x86.R_CX;
    /* move them until (E)CX is ZERO. */
    count = (M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX;
    M.x86.R_CX = 0;
}
++if (M.x86.mode & SYSMODE_32BIT_REP)
+M.x86.R_ECX = 0;
M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);

while (count--) {
store_data_word_abs(M.x86.R_ES, M.x86.R_DI, M.x86.R_AX);
}
M.x86.R_DI += inc;
+if (M.x86.intr & INTR_HALTED)
+break;
}
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
@@ -2817,11 +2850,16 @@
inc = 1;
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
+if (M.x86.intr & INTR_HALTED)
        break;
    }
M.x86.R_AL = fetch_data_byte(M.x86.R_SI);
M.x86.R_CX -= 1;
+if (M.x86.mode & SYSMODE_32BIT_REP)
+M.x86.R_ECX -= 1;
else
+M.x86.R_CX -= 1;
M.x86.R_SI += inc;
+if (M.x86.intr & INTR_HALTED)
+break;
}
M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
} else {
@@ -2859,9 +2897,11 @@
count = 1;
if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
    /* dont care whether REPE or REPNE */
    /* move them until CX is ZERO. */

count = M.x86.R_CX;
/* move them until (E)CX is ZERO. */
if (M.x86.mode & SYSMODE_32BIT_REP) {
    M.x86.R_ECX = 0;
    M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
}
while (count--) {
    M.x86.R_AX = fetch_data_word(M.x86.R_SI);
    M.x86.R_SI += inc;
    if (M.x86.intr & INTR_HALTED)
        break;
} DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
inc = 1;
if (M.x86.mode & SYSMODE_PREFIX_REPE) {
    /* REPE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
        val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
        cmp_byte(M.x86.R_AL, val2);
        if (M.x86.intr & INTR_HALTED)
            break;
    } M.x86.mode &= ~SYSMODE_PREFIX_REPE;
} else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
    /* REPNE */
    /* move them until CX is ZERO. */
    while (M.x86.R_CX != 0) {
        val2 = fetch_data_byte_abs(M.x86.R_ES, M.x86.R_DI);
        cmp_byte(M.x86.R_AL, val2);
    } M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
}
M.x86.R_CX -= 1;
if (M.x86.mode & SYSMODE_32BIT_REP)
    M.x86.R_ECX -= 1;
else
    M.x86.R_CX -= 1;
M.x86.R_DI += inc;
if (ACCESS_FLAG(F_ZF))
    break;    /* zero flag set means equal */
if (M.x86.intr & INTR_HALTED)
    break;
}
M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
} else {
    TRACE_AND_STEP();
    if (M.x86.mode & SYSMODE_PREFIX_REPE) {
        /* REPE */
        while (M.x86.R_CX != 0) {
            M.x86.R_CX -= 1;
        }
    } else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
        /* REPNE */
        while (((M.x86.mode & SYSMODE_32BIT_REP) ? M.x86.R_ECX : M.x86.R_CX) != 0) {
            if (M.x86.mode & SYSMODE_PREFIX_DATA) {
                val = fetch_data_long_abs(M.x86.R_ES, M.x86.R_DI);
                cmp_long(M.x86.R_EAX, val);
            }
        }
    } else if (M.x86.mode & SYSMODE_32BIT_REP)
        M.x86.R_ECX -= 1;
    else
        M.x86.R_CX -= 1;
    M.x86.R_DI += inc;
    if (ACCESS_FLAG(F_ZF) == 0)
        break;
    if (M.x86.intr & INTR_HALTED)
        break;
}
M.x86.mode &= ~SYSMODE_PREFIX_REPE;
} else if (M.x86.mode & SYSMODE_PREFIX_REPNE) {
    /* REPNE */
    while (M.x86.R_CX != 0) {
        M.x86.R_CX -= 1;
    }
    if (ACCESS_FLAG(F_ZF) == 0)
        break;
    if (M.x86.intr & INTR_HALTED)
        break;
}
M.x86.mode &= ~SYSMODE_PREFIX_REPE;
cmp_long(M.x86.R_EAX, val);

val = fetch_data_word_abs(M.x86.R_ES, M.x86.R_DI);
cmp_word(M.x86.R_AX, (u16)val);
}
- M.x86.R_CX -= 1;
+ if (M.x86.mode & SYSMODE_32BIT_REP)
+ M.x86.R_ECX -= 1;
+ else
+ M.x86.R_CX -= 1;
M.x86.R_DI += inc;
if (ACCESS_FLAG(F_ZF))
    break; /* zero flag set means equal */
+ if (M.x86.intr & INTR_HALTED)
+ break;

M.x86.mode &= ~SYSMODE_PREFIX_REPNE;
} else {

@@ -3238,9 +3300,9 @@
DECODE_PRINTF("RET\t");
imm = fetch_word_imm();
DECODE_PRINTF2("%x\n", imm);
-RETURN_TRACE("RET", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
M.x86.R_IP = pop_word();
+RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "NEAR");
M.x86.R_SP += imm;
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
@@ -3254,9 +3316,9 @@
{
    START_OF_INSTR();
    DECODE_PRINTF("RET\n");
-RETURN_TRACE("RET", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
    M.x86.R_IP = pop_word();
+RETURN_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "NEAR");
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}@@ -3471,10 +3533,10 @@
DECODE_PRINTF("RETF\t");
imm = fetch_word_imm();
DECODE_PRINTF2("%x\n", imm);
-RETURN_TRACE("RETF", M.x86.saved_cs, M.x86.saved_ip);
TRACE_AND_STEP();
M.x86.R_IP = pop_word();
M.x86.R_CS = pop_word();

+RETURN_TRACE(M.x86.saved_cs,M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "FAR");
M.x86.R_SP += imm;
DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
@@ -3488,10 +3550,10 @@
{
    START_OF_INSTR();
    DECODE_PRINTF("RETF\n");
-RETURN_TRACE("RETF",M.x86.saved_cs,M.x86.saved_ip);
TRACE_AND_STEP();
    M.x86.R_IP = pop_word();
    M.x86.R_CS = pop_word();
+RETURN_TRACE(M.x86.saved_cs,M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, "FAR");
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
}
@@ -4020,8 +4082,11 @@
ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
-    M.x86.R_CX -= 1;
-    if (M.x86.R_CX != 0 && !ACCESS_FLAG(F_ZF)) /* CX != 0 and !ZF */
+    if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+        M.x86.R_ECX -= 1;
+    else
+        M.x86.R_CX -= 1;
+    if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0 &&
+        !ACCESS_FLAG(F_ZF)) /* (E)CX != 0 and !ZF */
        M.x86.R_IP = ip;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -4041,8 +4106,11 @@
ip += (s16) M.x86.R_IP;
    DECODE_PRINTF2("%04x\n", ip);
    TRACE_AND_STEP();
-    M.x86.R_CX -= 1;
-    if (M.x86.R_CX != 0 && ACCESS_FLAG(F_ZF)) /* CX != 0 and ZF */
+    if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+        M.x86.R_ECX -= 1;
+    else
+        M.x86.R_CX -= 1;
+    if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0 &&
+        ACCESS_FLAG(F_ZF)) /* (E)CX != 0 and ZF */
        M.x86.R_IP = ip;
    DECODE_CLEAR_SEGOVR();
    END_OF_INSTR();
@@ -4062,8 +4130,11 @@
ip += (s16) M.x86.R_IP;
DECODE_PRINTF2("%04x\n", ip);
TRACE_AND_STEP();
- M.x86.R_CX -= 1;
- if (M.x86.R_CX != 0)
  + if (M.x86.mode & SYSMODE_PREFIX_ADDR)
    + M.x86.R_ECX -= 1;
  + else
    + M.x86.R_CX -= 1;
+ if (((M.x86.mode & SYSMODE_PREFIX_ADDR) ? M.x86.R_ECX : M.x86.R_CX) != 0)      /* (E)CX != 0 */
  M.x86.R_IP = ip;
  DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
@@ -4085,8 +4156,10 @@
target = (u16)(M.x86.R_IP + offset);
DECODE_PRINTF2("%x\n", target);
TRACE_AND_STEP();
- if (M.x86.R_CX == 0)
+ if (M.x86.R_CX == 0) {
  M.x86.R_IP = target;
  + JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " CXZ ");
  + }
  DECODE_CLEAR_SEGOVR();
END_OF_INSTR();
}
@@ -4213,6 +4286,7 @@
ip = (s16)fetch_word_imm();
ip += (s16)M.x86.R_IP;
DECODE_PRINTF2("%04x\n", ip);
+ JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, M.x86.R_IP, " NEAR ");
  TRACE_AND_STEP();
  M.x86.R_IP = (u16)ip;
  DECODE_CLEAR_SEGOVR();
@@ -4233,6 +4307,7 @@
cs = fetch_word_imm();
DECODE_PRINTF2("%04x:\", cs);
DECODE_PRINTF2("%04x\n", ip);
+ JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, cs, ip, " FAR ");
  TRACE_AND_STEP();
  M.x86.R_IP = ip;
  M.x86.R_CS = cs;
@@ -4254,6 +4329,7 @@
offset = (s8)fetch_byte_imm();
target = (u16)(M.x86.R_IP + offset);
DECODE_PRINTF2("%x\n", target);
+ JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, target, " BYTE ");
  TRACE_AND_STEP();
  M.x86.R_IP = target;
  DECODE_CLEAR_SEGOVR();
@@ -4357,6 +4433,8 @@
 DECODE_PRINTF("REPNE\n");
 TRACE_AND_STEP();
 M.x86.mode |= SYSMODE_PREFIX_REPNE;
+    if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+        M.x86.mode |= SYSMODE_32BIT_REP;
 DECODE_CLEAR_SEGOVR();
 END_OF_INSTR();
}
@@ -4371,6 +4449,8 @@
 DECODE_PRINTF("REPE\n");
 TRACE_AND_STEP();
 M.x86.mode |= SYSMODE_PREFIX_REPE;
+    if (M.x86.mode & SYSMODE_PREFIX_ADDR)
+        M.x86.mode |= SYSMODE_32BIT_REP;
 DECODE_CLEAR_SEGOVR();
 END_OF_INSTR();
}
@@ -5013,12 +5093,14 @@
 break;
     case 4: /* jmp word ptr ... */
         destval = fetch_data_word(destoffset);
+            JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, M.x86.R_CS, destval, " WORD ");
         TRACE_AND_STEP();
         M.x86.R_IP = destval;
         break;
     case 5: /* jmp far ptr ... */
         destval = fetch_data_word(destoffset);
         destval2 = fetch_data_word(destoffset + 2);
+            JMP_TRACE(M.x86.saved_cs, M.x86.saved_ip, destval2, destval, " FAR ");
         TRACE_AND_STEP();
         M.x86.R_IP = destval;
         M.x86.R_CS = destval2;
Index: prim_ops.c
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/prim_ops.c,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- prim_ops.c7 Sep 2007 10:01:21 -0000
+++ prim_ops.c16 Jan 2008 14:18:15 -0000
@@ -1921,7 +1921,7 @@
 void imul_long_direct(u32 *res_lo, u32* res_hi,u32 d, u32 s)
 {
 #ifdef __HAS_LONG_LONG__
-    s64 res = (s64)d * (s64)s;
+    s64 res = (s64)(s32)d * (s64)(s32)s;

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*res_lo = (u32)res;
*res_hi = (u32)(res >> 32);
@@ -2013,7 +2013,7 @@
void mul_long(u32 s)
{
    #ifdef  __HAS_LONG_LONG__
-       u64 res = (u32)M.x86.R_EAX * (u32)s;
+       u64 res = (u64)M.x86.R_EAX * s;
    
    M.x86.R_EAX = (u32)res;
    M.x86.R_EDX = (u32)(res >> 32);
@@ -2312,16 +2312,15 @@
    if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
        /* in until CX is ZERO. */
-       u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?
+       u32 count = ((M.x86.mode & SYSMODE_32BIT_REP) ?
            M.x86.R_ECX : M.x86.R_CX);
        
            while (count--) {
                single_in(size);
            }

        M.x86.R_CX = 0;
-       if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+       if (M.x86.mode & SYSMODE_32BIT_REP) {
            M.x86.R_ECX = 0;
        }

        M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);
@@ -2355,15 +2354,15 @@
    } if (M.x86.mode & (SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE)) {
        /* dont care whether REPE or REPNE */
        /* out until CX is ZERO. */
-       u32 count = ((M.x86.mode & SYSMODE_PREFIX_DATA) ?
+       u32 count = ((M.x86.mode & SYSMODE_32BIT_REP) ?
            M.x86.R_ECX : M.x86.R_CX);

            while (count--) {
                single_out(size);
            }

        M.x86.R_CX = 0;
-       if (M.x86.mode & SYSMODE_PREFIX_DATA) {
+       if (M.x86.mode & SYSMODE_32BIT_REP) {
            M.x86.R_ECX = 0;
M.x86.mode &= ~(SYSMODE_PREFIX_REPE | SYSMODE_PREFIX_REPNE);

Index: sys.c

RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/sys.c,v
retrieving revision 1.1
retrieving revision 1.2
diff -u -u -r1.1 -r1.2
--- sys.c7 Sep 2007 10:01:21 -00001.1
+++ sys.c7 Sep 2007 10:03:13 -00001.2
@@ -45,11 +45,6 @@
#include <x86emu/regs.h>
#include "debug.h"
#include "prim_ops.h"
-#ifdef LINUXBIOS_VERSION
-#include "io.h"
-#else
-#include <sys/io.h>
-#endif

-#ifdef IN_MODULE
+#ifdef IN_MODULE
#include "xf86_ansic.h"
@@ -220,7 +215,7 @@
{ DB(if (DEBUG_IO_TRACE()))
    printk("inb %#04x \n", addr);
    -return inb(addr);
    +return 0;
}

/********************
@@ -235,7 +230,7 @@
{ DB(if (DEBUG_IO_TRACE()))
    printk("inw %#04x \n", addr);
    -return inw(addr);
    +return 0;
}

/********************
@@ -250,7 +245,7 @@
{ DB(if (DEBUG_IO_TRACE()))
    printk("inl %#04x \n", addr);
    -return inl(addr);
    +return 0;
}

/********************


@@ -264,7 +259,6 @@
{
  DB(if (DEBUG_IO_TRACE())
  printk("outb %#02x -> %#04x \n", val, addr);
-  outb(val, addr);
  return;
  }

@@ -279,7 +273,6 @@
{
  DB(if (DEBUG_IO_TRACE())
  printk("outw %#04x -> %#04x \n", val, addr);
-  outw(val, addr);
  return;
  }

@@ -295,7 +288,6 @@
DB(if (DEBUG_IO_TRACE())
    printk("outl %#08x -> %#04x \n", val, addr);
-  outl(val, addr);
  return;
  }

@@ -405,6 +397,6 @@

void X86EMU_setMemBase(void *base, size_t size)
{
-  M.mem_base = (int) base;
+  M.mem_base = (unsigned long) base;
  M.mem_size = size;
}

Index: include/x86emu/debug.h
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/debug.h,v
retrieving revision 1.1
retrieving revision 1.4
diff -u -u -r1.1 -r1.4
--- include/x86emu/debug.h7 Sep 2007 10:01:21 -0000
+++ include/x86emu/debug.h20 Mar 2008 15:25:27 -0000
@@ -40,8 +40,6 @@

#ifndef __X86EMU_DEBUG_H
#define __X86EMU_DEBUG_H

-/*---------------------- Macros and type definitions ----------------------*/
+/*---------------------- Macros and type definitions ----------------------*/
/* checks to be enabled for "runtime" */
@@ -78,6 +76,8 @@
# define DEBUG_SYSINT()        (M.x86.debug & DEBUG_SYSINT_F)
# define DEBUG_TRACECALL()     (M.x86.debug & DEBUG_TRACECALL_F)
# define DEBUG_TRACECALLREGS() (M.x86.debug & DEBUG_TRACECALL_REGS_F)
+# define DEBUG_TRACEJMP()       (M.x86.debug & DEBUG_TRACEJMP_F)
+# define DEBUG_TRACEJMPREGS()   (M.x86.debug & DEBUG_TRACEJMP_REGS_F)
# define DEBUG_SYS()           (M.x86.debug & DEBUG_SYS_F)
# define DEBUG_MEM_TRACE()     (M.x86.debug & DEBUG_MEM_TRACE_F)
# define DEBUG_IO_TRACE()      (M.x86.debug & DEBUG_IO_TRACE_F)
@@ -96,6 +96,8 @@
# define DEBUG_SYSINT()        0
# define DEBUG_TRACECALL()     0
# define DEBUG_TRACECALLREGS() 0
+# define DEBUG_TRACEJMP()       0
+# define DEBUG_TRACEJMPREGS()   0
# define DEBUG_SYS()           0
# define DEBUG_MEM_TRACE()     0
# define DEBUG_IO_TRACE()      0
@@ -169,14 +171,20 @@
x86emu_dump_regs();                                     
     if (DEBUG_TRACECALL())                                     
        printk("%04x:%04x: CALL %s%04x:%04x\n", u , v, s, w, x);
-# define RETURN_TRACE(n,u,v)                                    
     if (DEBUG_TRACECALLREGS())									
        x86emu_dump_regs();                                     
     if (DEBUG_TRACECALL())                                     
-    printk("%04x:%04x: %s\n",u,v,n);
+printk("%04x:%04x: RET %s %04x:%04x\n",u,v,s,w,x);
+# define JMP_TRACE(u,v,w,x,s)                                 
+   if (DEBUG_TRACEJMPREGS())
+      x86emu_dump_regs();
+   if (DEBUG_TRACEJMP())
+      x86emu_dump_regs();
+      printk("%04x:%04x: JMP %s%04x:%04x\n", u , v, s, w, x);
+else
+  # define CALL_TRACE(u,v,w,x,s)
-# define RETURN_TRACE(n,u,v)
+# define RETURN_TRACE(u,v,w,x,s)
+# define JMP_TRACE(u,v,w,x,s)
#endif

#ifdef DEBUG
Index: include/x86emu/regs.h
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/regs.h,v
retrieving revision 1.1
retrieving revision 1.4
diff -u -u -r1.1 -r1.4
--- include/x86emu/regs.h 7 Sep 2007 10:01:21 -0000
+++ include/x86emu/regs.h 15 Jan 2008 13:46:40 -0000
@@ -231,6 +231,9 @@
#define SYSMODE_PREFIX_REPNE 0x00000100
#define SYSMODE_PREFIX_DATA  0x00000200
#define SYSMODE_PREFIX_ADDR  0x00000400
+//phueper: for REP(E|NE) Instructions, we need to decide whether it should be using
+//the 32bit ECX register as or the 16bit CX register as count register
+#define SYSMODE_32BIT_REP  0x00000800
#define SYSMODE_INTR_PENDING 0x10000000
#define SYSMODE_EXTRN_INTR  0x20000000
#define SYSMODE_HALTED      0x40000000
@@ -250,7 +253,8 @@
SYSMODE_EXTRN_INTR | \
SYSMODE_32BIT_REP)   
#define INTR_SYNCH        0x1
#define INTR_ASYNC        0x2
@@ -274,9 +278,9 @@
*/

u32 mode;
#define printk(x...) printk(BIOS_DEBUG, x)
#endif
+volatile int debug;
+int check;
+int check;
u16 saved_ip;
u16 saved_cs;
int enc_pos;
Index: include/x86emu/x86emu.h
===================================================================
RCS file: /cvs/osdf/cvs/host/other-licence/x86emu/include/x86emu/x86emu.h,v
retrieving revision 1.1
retrieving revision 1.3
diff -u -u -r1.1 -r1.3
--- include/x86emu/x86emu.h 7 Sep 2007 10:01:21 -0000
+++ include/x86emu/x86emu.h 19 Oct 2007 08:42:15 -0000
@@ -47,6 +47,7 @@
#include <console.h>
#define printk(x...) printk(BIOS_DEBUG, x)
#define printk(x...) printk(BIOS_DEBUG, x)
else
+`#include <stdio.h>
#define printk printf` #endif

@@ -189,6 +181,8 @@
#define DEBUG_TRACECALL_REGS_F 0x004000
#define DEBUG_DECODE_NOPRINT_F 0x008000
#define DEBUG_SAVE_IP_CS_F 0x010000
+#define DEBUG_TRACEJMP_F 0x020000
+#define DEBUG_TRACEJMP_REGS_F 0x040000
#define DEBUG_SYS_F (DEBUG_SVC_F|DEBUG_FS_F|DEBUG_PROC_F)

def X86EMU_trace_regs(void);
@@ -200,5 +194,4 @@
#ifdef __cplusplus
}                       /* End of “C” linkage for C++ */
#endif
-
#endif /* __X86EMU_X86EMU_H */
# *****************************************************************************
# * Copyright (c) 2004, 2008 IBM Corporation
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# * http://www.opensource.org/licenses/bsd-license.php
# *
# * Contributors:
# * IBM Corporation - initial implementation
# *****************************************************************************/
#!/bin/bash
#set -x
#set -e

SVN=`which svn`
PATCH=`which patch`
DIFF_FILE=./x86emu_changes.diff

# check wether svn, patch, ... is available...

if [ ! -x $SVN ]; then
echo "subversion executable not found!"
exit -1
fi
if [ ! -x $PATCH ]; then
echo "patch executable not found!"
exit -1

fi
if [ ! -r $DIFF_FILE ]; then
echo "diff file $DIFF_FILE not found!"
exit -1
fi

# download the x86emu sources from LinuxBIOS subversion

#revision known to work...
REV=496

echo "Checking out x86emu from coreboot-v3 repository revision $REV"
$SVN co svn://coreboot.org/repository/coreboot-v3/util/x86emu -r $REV

echo "Copying files..."

mkdir -p include/x86emu
cp -v x86emu/x86emu/*.c .
cp -v x86emu/x86emu/*.h include/x86emu
cp -v x86emu/include/x86emu/*.h include/x86emu

echo "Removing checkedout subversion director..."
rm -rf x86emu

echo "Patching files..."

$PATCH -p0 < x86emu_changes.diff

echo "done"
exit 0

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History
-------

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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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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
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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
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5. A program that contains no derivative of any portion of the
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work, in isolation, is not a derivative work of the Library, and
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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
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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) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
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<signature of Ty Coon>, 1 April 1990
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Version 3, 29 June 2007

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Also note that the GPL and the other licenses are copyrighted by the Free Software Foundation and other organizations, but the instance of code that they refer to (the U-Boot source code) is copyrighted by me and others who actually wrote it.

-- Wolfgang Denk

Like many other projects, U-Boot has a tradition of including big blocks of License headers in all files. This not only blows up the source code with mostly redundant information, but also makes it very difficult to generate License Clearing Reports. An additional problem is that even the same licenses are referred to by a number of slightly varying text blocks (full, abbreviated, different indentation, line wrapping and/or white space, with obsolete address information, ...) which makes automatic processing a nightmare.

To make this easier, such license headers in the source files will be replaced with a single line reference to Unique License Identifiers as defined by the Linux Foundation's SPDX project [1].

If a "SPDX-License-Identifier:" line references more than one Unique License Identifier, then this means that the respective file can be used under the terms of either of these licenses, i. e. with
SPDX-License-Identifier: GPL-2.0+ OR BSD-3-Clause

you can choose between GPL-2.0+ and BSD-3-Clause licensing.

We use the SPDX Unique License Identifiers here; these are available at [2].

License identifier syntax
-------------------------

1. Placement:

The SPDX license identifier in U-Boot files shall be added at the first possible line in a file which can contain a comment. For the majority or files this is the first line, except for scripts which require the `#!/PATH_TO_INTERPRETER` in the first line. For those scripts the SPDX identifier goes into the second line.

2. Style:

The SPDX license identifier is added in form of a comment. The comment style depends on the file type:

   C source: // SPDX-License-Identifier: <SPDX License Expression>
   C header: /* SPDX-License-Identifier: <SPDX License Expression> */
   ASM: /* SPDX-License-Identifier: <SPDX License Expression> */
   scripts: # SPDX-License-Identifier: <SPDX License Expression>
   .rst: .. SPDX-License-Identifier: <SPDX License Expression>
   .dts[]: // SPDX-License-Identifier: <SPDX License Expression>

If a specific tool cannot handle the standard comment style, then the appropriate comment mechanism which the tool accepts shall be used. This is the reason for having the "/
\*/" style comment in C header files. There was build breakage observed with generated .lds files where 'ld' failed to parse the C++ comment. This has been fixed by now, but there are still older assembler tools which cannot handle C++ style comments.

3. Syntax:

A <SPDX License Expression> is either an SPDX short form license identifier found on the SPDX License List, or the combination of two SPDX short form license identifiers separated by "WITH" when a license
exception applies. When multiple licenses apply, an expression consists of keywords "AND", "OR" separating sub-expressions and surrounded by "("", ")".

License identifiers for licenses like [L]GPL with the 'or later' option are constructed by using a "+" for indicating the 'or later' option.::

    // SPDX-License-Identifier: GPL-2.0+
    // SPDX-License-Identifier: LGPL-2.1+

WITH should be used when there is a modifier to a license needed. For example, the linux kernel UAPI files use the expression::

    // SPDX-License-Identifier: GPL-2.0 WITH Linux-syscall-note
    // SPDX-License-Identifier: GPL-2.0+ WITH Linux-syscall-note

Other examples using WITH exceptions found in the linux kernel are::

    // SPDX-License-Identifier: GPL-2.0 WITH mif-exception
    // SPDX-License-Identifier: GPL-2.0+ WITH GCC-exception-2.0

Exceptions can only be used with particular License identifiers. The valid License identifiers are listed in the tags of the exception text file.

OR should be used if the file is dual licensed and only one license is to be selected. For example, some dtsi files are available under dual licenses::

    // SPDX-License-Identifier: GPL-2.0 OR BSD-3-Clause

Examples from U-Boot for license expressions in dual licensed files::

    // SPDX-License-Identifier: GPL-2.0 OR MIT
    // SPDX-License-Identifier: GPL-2.0+ OR BSD-3-Clause

AND should be used if the file has multiple licenses whose terms all apply to use the file. For example, if code is inherited from another project and permission has been given to put it in U-Boot, but the original license terms need to remain in effect::

    // SPDX-License-Identifier: (GPL-2.0 WITH Linux-syscall-note) AND MIT

Another other example where both sets of license terms need to be adhered to is::

    // SPDX-License-Identifier: GPL-1.0+ AND LGPL-2.1+
Full name: SPDX Identifier: OSI Approved: File name: URI

-----------------------------------------------
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The resultant applicable licence(s) for any particular build can be determined by using "make bin/xxxxxxx.yyy.licence"; for example:

make bin/rtl8139.rom.licence

to determine the resultant licence(s) for the build bin/rtl8139.rom

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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1.601 libvorbis 1.3.3

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1.602 jersey-client 2.25.1

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1.603 icu 50

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6. Google double-conversion
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

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

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

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

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

%.d: $(srch)/%.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 =

### End BSD-specific setup

1.604 ebtables 2.0.10

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/* lib/font/fontfile/gunzip.c
   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
   intended for inclusion in X11 public releases. */

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1.609 txw2 2.3.0

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### 1.610 llvm 6.0.1

#### 1.610.1 Available under license :

```cpp
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s
; Test that early if conversion produces LOCR with operands of the right 
; register classes.

define void @autogen_SD4739(i8*) {  
  ; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
  BB:
  %L34 = load i8, i8* %0
  %Cmp56 = icmp sgt i8 undef, %L34
  br label %CF246
  CF246:                                            ; preds = %CF246, %BB
    %SI163 = select i1 %Cmp56, i8 %L34, i8 undef
    br i1 undef, label %CF246, label %CF248
  CF248:                                            ; preds = %CF248, %CF246
    store i8 %SI163, i8* %0
    br label %CF248
  }
  ; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
  ; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=avx512vl,avx512bw,avx512dq,prefer-256-bit | FileCheck %s
  ; This file primarily contains tests for specific places in X86ISelLowering.cpp that needed be made aware of the 
  ; legalizer not allowing 512-bit vectors due to prefer-256-bit even though AVX512 is enabled.

define void @add256(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="256" {  
  ; CHECK-LABEL: add256:
  ; CHECK:    # %bb.0:
  ; CHECK-NEXT: vmovdqa (%rdi), %ymm0
  ; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
  ; CHECK-NEXT: vpadd (%rsi), %ymm0, %ymm0
  ; CHECK-NEXT: vpadd 32(%rsi), %ymm1, %ymm1
```

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 define void @add512(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="512" {
  CHECK-LABEL: add512:
  CHECK: # %bb.0:
  CHECK-NEXT: load <16 x i32>, <16 x i32>* %a
  CHECK-NEXT: load <16 x i32>, <16 x i32>* %b
  CHECK-NEXT: add <16 x i32> %d, %e
  CHECK-NEXT: store <16 x i32> %f, <16 x i32>* %c
  ret void
}

define void @avg_v64i8_256(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="256" {
  CHECK-LABEL: avg_v64i8_256:
  CHECK: # %bb.0:
  CHECK-NEXT: load <64 x i8>, <64 x i8>* %a
  CHECK-NEXT: load <64 x i8>, <64 x i8>* %b
  CHECK-NEXT: store <64 x i8> %c
  ret void
}
define void @avg_v64i8_512(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="512" {
; CHECK-LABEL: avg_v64i8_512:
; CHECK:    # %bb.0:
; CHECK-NEXT: vmovdqa64 (%rsi), %zmm0
; CHECK-NEXT: vpmovdqu64 %zmm0, (%rax)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq

%1 = load <64 x i8>, <64 x i8>* %a
%2 = load <64 x i8>, <64 x i8>* %b
%3 = zext <64 x i8> %1 to <64 x i32>
%4 = zext <64 x i8> %2 to <64 x i32>
%5 = add nuw nsw <64 x i32> %3, <i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1>
%6 = add nuw nsw <64 x i32> %5, %4
%7 = lshr <64 x i32> %6, <i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1>
%8 = trunc <64 x i32> %7 to <64 x i8>
store <64 x i8> %8, <64 x i8>* undef, align 4
ret void
}

define void @pmaddwd_32_256(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="256" {
; CHECK-LABEL: pmaddwd_32_256:
; CHECK:    # %bb.0:
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm0
; CHECK-NEXT: vpmaddwd 32(%rsi), %ymm0, %ymm0
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq

%A = load <32 x i16>, <32 x i16>* %APtr
%B = load <32 x i16>, <32 x i16>* %BPtr

define void @pmaddwd_32_512(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: pmaddwd_32_512:
  ; CHECK: # %bb.0:
  ; CHECK-NEXT:    vmovdqa64 (%rdi), %zmm0
  ; CHECK-NEXT:    vpmaddwd (%rsi), %zmm0, %zmm0
  ; CHECK-NEXT:    vzeroupper
  ; CHECK-NEXT:    retq
  %A = load <32 x i16>, <32 x i16>* %APtr
  %B = load <32 x i16>, <32 x i16>* %BPtr
  %a = sext <32 x i16> %A to <32 x i32>
  %b = sext <32 x i16> %B to <32 x i32>
  %m = mul nsw <32 x i32> %a, %b
  %odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> %i32 0, %i32 2, %i32 4, %i32 6, %i32 8, %i32 10, %i32 12, %i32 14, %i32 16, %i32 18, %i32 20, %i32 22, %i32 24, %i32 26, %i32 28, %i32 30>
  %even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> %i32 1, %i32 3, %i32 5, %i32 7, %i32 9, %i32 11, %i32 13, %i32 15, %i32 17, %i32 19, %i32 21, %i32 23, %i32 25, %i32 27, %i32 29, %i32 31>
  %ret = add <16 x i32> %odd, %even
  store <16 x i32> %ret, <16 x i32>* %CPtr
  ret void
}

define void @psubus_64i8_max_256(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: psubus_64i8_max_256:
  ; CHECK: # %bb.0:
  ; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
  ; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
  ; CHECK-NEXT:    vpsubusb (%rsi), %ymm0, %ymm0
  ; CHECK-NEXT:    vpsubusb 32(%rsi), %ymm1, %ymm1
  ; CHECK-NEXT:    vzeroupper
  ; CHECK-NEXT:    retq
  %x = load <64 x i8>, <64 x i8>* %xptr
  %y = load <64 x i8>, <64 x i8>* %yptr
  %z = load <64 x i8>, <64 x i8>* %zptr
  %ret = add <64 x i8> %x, %y
  store <64 x i8> %ret, <64 x i8>* %zptr
  ret void
}
%y = load <64 x i8>, <64 x i8>* %yptr
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr
ret void
}

define void @psubus_64i8_max_512(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: psubus_64i8_max_512:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
  ; CHECK-NEXT:  vpsubusb (%rsi), %zmm0, %zmm0
  ; CHECK-NEXT:  vmovdqa64 %zmm0, (%rdx)
  ; CHECK-NEXT:  vzeroupper
  ; CHECK-NEXT:  retq
  %x = load <64 x i8>, <64 x i8>* %xptr
  %y = load <64 x i8>, <64 x i8>* %yptr
  %cmp = icmp ult <64 x i8> %x, %y
  %max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
  %res = sub <64 x i8> %max, %y
  store <64 x i8> %res, <64 x i8>* %zptr
  ret void
}

define i32 @_Z9test_charPcS_i_256(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: _Z9test_charPcS_i_256:
  ; CHECK:       # %bb.0: # %entry
  ; CHECK-NEXT:    movl %edx, %eax
  ; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
  ; CHECK-NEXT:    xorl %ecx, %ecx
  ; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
  ; CHECK-NEXT:    vpxor %xmm2, %xmm2, %xmm2
  ; CHECK-NEXT:  .p2align 4, 0x90
  ; CHECK-NEXT:  .LBB8_1: # %vector.body
  ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
  ; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %ymm3
  ; CHECK-NEXT:    vpmovsxbw 16(%rdi,%rcx), %ymm4
  ; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %ymm5
  ; CHECK-NEXT:    vpmaddwd %ymm3, %ymm5, %ymm3
  ; CHECK-NEXT:    vpadd %ymm1, %ymm3, %ymm1
  ; CHECK-NEXT:    vpmovsxbw 16(%rsi,%rcx), %ymm5
  ; CHECK-NEXT:    vpmaddwd %ymm4, %ymm3, %ymm3
  ; CHECK-NEXT:    vpadd %ymm2, %ymm3, %ymm2
  ; CHECK-NEXT:    addq $32, %rcx
  ; CHECK-NEXT:    cmpq %rcx, %rax

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define i32 @_Z9test_charPcS_i_512(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: @_Z9test_charPcS_i_512:
  ; CHECK:       # %bb.0: # %entry
  ; CHECK-NEXT:    movl %edx, %eax
  ; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
  ; CHECK-NEXT:    xorl %ecx, %ecx
  ; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
  ; CHECK-NEXT:    .p2align 4, 0x90
  ; CHECK-NEXT:  .LBB9_1: # %vector.body
  ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
  ; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %zmm2
  ; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %zmm3
  ; CHECK-NEXT:    vpmaddwd %zmm2, %zmm3, %zmm2
  ; CHECK-NEXT:    vpaddd %zmm1, %zmm2, %zmm1
  ; CHECK-NEXT:    addq $32, %rcx
  ; CHECK-NEXT:    cmpq %rcx, %rax
  ; CHECK-NEXT:    jne .LBB9_1
  ; CHECK-NEXT:  # %bb.2: # %middle.block
  ; CHECK-NEXT:    vpadd %zmm1, %zmm2, %zmm1
  ; CHECK-NEXT:    addq $32, %rcx
  ; CHECK-NEXT:    cmpq %rcx, %rax
  ; CHECK-NEXT:    jne .LBB9_1
  ; CHECK-NEXT:  # %bb.3: # %end.block
  ; CHECK-NEXT:    vmovd %xmm0, %eax
  ; CHECK-NEXT:    vzeroupper
  ; CHECK-NEXT:    retq
}

entry:
%3 = zext i32 %2 to i64
br label %vector.body

vector.body:
%index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
%vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
%4 = getelementptr inbounds i8, i8* %0, i64 %index
%5 = bitcast i8* %4 to <32 x i8>*
%wide.load = load <32 x i8>, <32 x i8>* %5, align 1
%6 = sext <32 x i8> %wide.load to <32 x i32>
%7 = getelementptr inbounds i8, i8* %1, i64 %index
%8 = bitcast i8* %7 to <32 x i8>*
%wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
%9 = sext <32 x i8> %wide.load14 to <32 x i32>
%10 = mul nsw <32 x i32> %9, %6
%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

middle.block:
%rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
%rdx.shuf = shufflevector <32 x i32> %binarydx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <32 x i32> %binarydx, %rdx.shuf
%rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx18 = add <32 x i32> %bin.rdx18, %rdx.shuf17
%rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx20 = add <32 x i32> %bin.rdx20, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
define i32 @sad_16i8_256() "min-legal-vector-width"="256" {  
; CHECK-LABEL: sad_16i8_256:  
; CHECK:     # %bb.0: # %entry
; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:    movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT:    .p2align 4, 0x90
; CHECK-NEXT:  .LBB10_1: # %vector.body
; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:    vmovdqu a+1024(%rax), %xmm2
; CHECK-NEXT:    vpsadbw b+1024(%rax), %xmm2
; CHECK-NEXT:    vpaddd %ymm1, %ymm2, %ymm1
; CHECK-NEXT:    vpaddd %ymm0, %ymm1, %ymm0
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT:    vpaddd %ymm1, %ymm0, %ymm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,0,1]
; CHECK-NEXT:    vpaddd %ymm1, %ymm0, %ymm0
; CHECK-NEXT:    vmovd %xmm0, %eax
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq

entry:
    br label %vector.body

vector.body:
    %index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
    %vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
    %0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
    %1 = bitcast i8* %0 to <16 x i8>*
    %wide.load = load <16 x i8>, <16 x i8>* %1, align 4
    %2 = zext <16 x i8> %wide.load to <16 x i32>
    %3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
    %4 = bitcast i8* %3 to <16 x i8>*
    %wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
    %5 = zext <16 x i8> %wide.load1 to <16 x i32>
    %6 = sub nsw <16 x i32> %2, %5
    %7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsw <16 x i32> zeroinitializer, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsw <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
%11 = icmp eq i64 %index.next, 1024
br i1 %11, label %middle.block, label %vector.body

middle.block:
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12

define i32 @sad_16i8_512() "min-legal-vector-width"="512" {
; CHECK-LABEL: sad_16i8_512:
; CHECK: # %bb.0: # %entry
; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT: movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT: .p2align 4, 0x90
; CHECK-NEXT: .LBB11_1: # %vector.body
; CHECK-NEXT: # =>This Inner Loop Header: Depth=1
; CHECK-NEXT: vmovdqu a+1024(%rax), %xmm0
; CHECK-NEXT: .p2align 4, 0x90
; CHECK-NEXT: .LBB11_1: # %vector.body
; CHECK-NEXT: # =>#bb.1: # %middle.block
; CHECK-NEXT: # =>This Middle Header: Depth=1
; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT: vpaddd %zmm0, %zmm1, %zmm0
; CHECK-NEXT: vpsadbw b+1024(%rax), %zmm0
; CHECK-NEXT: vpaddd %zmm0, %zmm0, %zmm0
; CHECK-NEXT: vpaddd %zmm0, %zmm0, %zmm0
; CHECK-NEXT: vpaddd %zmm1, %zmm0, %zmm0
; CHECK-NEXT: vpaddd %zmm1, %zmm0, %zmm0
; CHECK-NEXT: vpaddd %zmm1, %zmm0, %zmm0
; CHECK-NEXT: vpaddd %zmm1, %zmm0, %zmm0
; CHECK-NEXT: vpaddd %zmm1, %zmm0, %zmm0
entry:
    br label %vector.body

vector.body:
    %index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
    %vec.phi = phi <16 x i32> [ zeroinitialize, %entry ], [ %10, %vector.body ]
    %0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
    %1 = bitcast i8* %0 to <16 x i8>*
    %wide.load = load <16 x i8>, <16 x i8>* %1, align 4
    %2 = zext <16 x i8> %wide.load to <16 x i32>
    %3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
    %4 = bitcast i8* %3 to <16 x i8>*
    %wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
    %5 = zext <16 x i8> %wide.load1 to <16 x i32>
    %6 = sub nsw <16 x i32> <16 x i32> %2, %5
    %7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
    %8 = sub nsw <16 x i32> zeroinitialize, %6
    %9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
    %10 = add nsw <16 x i32> %9, %vec.phi
    %index.next = add i64 %index, 4
    %11 = icmp eq i64 %index.next, 1024
    br i1 %11, label %middle.block, label %vector.body

middle.block:
    %.lcssa = phi <16 x i32> [ %10, %vector.body ]
    %rdx.shuf = shufflevector <16 x i32> %.lcssa, <16 x i32> undedef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
    %bin.rdx = add <16 x i32> %.lcssa, %rdx.shuf
    %rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undedef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undedef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undedef, i32 undedef, i32 undedef, i32 undedef, i32 undedef, i32 undef, i32 undef, i32 undef>
    %bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
    %rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undedef, <16 x i32> <i32 2, i32 3, i32 undedef, i32 undedef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undedef, i32 undedef, i32 undedef, i32 undef, i32 undef, i32 undef, i32 undedef, i32 undef>
    %bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
    %rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undedef, <16 x i32> <i32 1, i32 undef, i32 undedef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 unde
define void @sbtol6f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
    ; CHECK-LABEL: sbtol6f32_256:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:  vpmovw2m %ymm0, %k0
    ; CHECK-NEXT:  kshiftrw $8, %k0, %k1
    ; CHECK-NEXT:  vpmovm2d %k1, %ymm0
    ; CHECK-NEXT:  vcvtdq2ps %ymm0, %ymm0
    ; CHECK-NEXT:  vpmovm2d %k0, %ymm1
    ; CHECK-NEXT:  vcvtdq2ps %ymm1, %ymm1
    ; CHECK-NEXT:  vmovaps %ymm1, (%rdi)
    ; CHECK-NEXT:  vzeroupper
    ; CHECK-NEXT:  retq
    %mask = icmp slt <16 x i16> %a, zeroinitialize
    %1 = sitofp <16 x i1> %mask to <16 x float>
    store <16 x float> %1, <16 x float>* %res
    ret void
}

define void @sbtol6f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: sbtol6f32_512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:  vpmovw2m %zmm0, %k0
    ; CHECK-NEXT:  vpmovm2d %k0, %zmm0
    ; CHECK-NEXT:  vcvtdq2ps %zmm0, %zmm0
    ; CHECK-NEXT:  vmovaps %zmm0, (%rdi)
    ; CHECK-NEXT:  vzeroupper
    ; CHECK-NEXT:  retq
    %mask = icmp slt <16 x i16> %a, zeroinitialize
    %1 = sitofp <16 x i1> %mask to <16 x float>
    store <16 x float> %1, <16 x float>* %res
    ret void
}

define void @sbtol6f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
    ; CHECK-LABEL: sbtol6f64_256:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:  vpmovw2m %ymm0, %k0
    ; CHECK-NEXT:  kshiftrw $8, %k0, %k1
    ; CHECK-NEXT:  vpmovm2d %k1, %ymm0
    ; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
    ; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm0
    ; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
    ; CHECK-NEXT:  vpmovm2d %k0, %ymm2
    ; CHECK-NEXT:  vcvtdq2pd %xmm2, %ymm3
    ; CHECK-NEXT:  vextracti128 $1, %ymm2, %xmm2
}
define void @sbto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
  %mask = icmp slt <16 x i16> %a, zeroinitializer
  %1 = sitofp <16 x i1> %mask to <16 x double>
  store <16 x double> %1, <16 x double>* %res
  ret void
}
define void @ubto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
  %mask = icmp slt <16 x i16> %a, zeroinitializer
  %1 = uitofp <16 x i1> %mask to <16 x float>
  store <16 x float> %1, <16 x float>* %res
  ret void
}
store <16 x float> %1, <16 x float>* %res
ret void
}

define void @ubto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f32_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:  vpmovw2m %ymm0, %k0
; CHECK-NEXT:  vpmovm2d %k0, %zmm0
; CHECK-NEXT:  vpsrlq $31, %zmm0, %zmm0
; CHECK-NEXT:  vcvtdq2ps %zmm0, %zmm0
; CHECK-NEXT:  vmovaps %zmm0, (%rdi)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}

define void @ubto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f64_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:  vpmovw2m %ymm0, %k0
; CHECK-NEXT:  kshiftrw $8, %k0, %k1
; CHECK-NEXT:  vpmovm2d %k1, %ymm0
; CHECK-NEXT:  vpsrlq $31, %ymm0, %ymm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vpmovm2d %k0, %ymm0
; CHECK-NEXT:  vpsrlq $31, %ymm0, %ymm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vpmovm2d %k0, %ymm0
; CHECK-NEXT:  vpsrlq $31, %ymm0, %ymm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vpmovm2d %k0, %ymm0
; CHECK-NEXT:  vpsrlq $31, %ymm0, %ymm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT:  vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:  vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT:  vmovaps %ymm0, 32(%rdi)
; CHECK-NEXT:  vmovaps %ymm1, (%rdi)
; CHECK-NEXT:  vmovaps %ymm2, 96(%rdi)
; CHECK-NEXT:  vmovaps %ymm3, 160(%rdi)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x double>
store <16 x double> %1, <16 x double>* %res
ret void
}

define void @ubto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {

define <16 x i16> @test_16f32toub_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {  
  ; CHECK-LABEL: test_16f32toub_256:  
  ; CHECK: # %bb.0:  
  ; CHECK-NEXT: vcvtpps2dq (%rdi), %ymm1  
  ; CHECK-NEXT: vpslld S31, %ymm1, %ymm1  
  ; CHECK-NEXT: vpmovd2m %ymm1, %k1  
  ; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 [%k1] {z}  
  ; CHECK-NEXT: retq  
  %a = load <16 x float>, <16 x float>* %ptr  
  %mask = fptoui <16 x float> %a to <16 x i1>  
  %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer  
  ret <16 x i16> %select  
}  

define <16 x i16> @test_16f32toub_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {  
  ; CHECK-LABEL: test_16f32toub_512:  
  ; CHECK: # %bb.0:  
  ; CHECK-NEXT: vcvtpps2dq (%rdi), %zmm1  
  ; CHECK-NEXT: vpslld S31, %zmm1, %zmm1  
  ; CHECK-NEXT: vpmovd2m %zmm1, %k1  
  ; CHECK-NEXT: vmovdqu16 %zmm0, %zmm0 [%k1] {z}  
  ; CHECK-NEXT: retq  
  %a = load <16 x float>, <16 x float>* %ptr  
  %mask = fptoui <16 x float> %a to <16 x i1>  

define <16 x i16> @test_16f32tosb_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {  
    %a = load <16 x float>, <16 x float>* %ptr  
    %mask = fptosi <16 x float> %a to <16 x i1>  
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitialize  
    ret <16 x i16> %select  
}  

define <16 x i16> @test_16f32tosb_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {  
    %a = load <16 x float>, <16 x float>* %ptr  
    %mask = fptosi <16 x float> %a to <16 x i1>  
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitialize  
    ret <16 x i16> %select  
}  

define void @mul256(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="256" {  
    %ymm4 = vpunpckhbw {{.*#+}} ymm2[8],ymm0[8],ymm2[9],ymm0[9],ymm2[10],ymm0[10],ymm2[11],ymm0[11],ymm2[12],ymm0[12],ymm2[13],ymm0[13],ymm2[14],ymm0[14],ymm2[15],ymm0[15],ymm2[24],ymm0[24],ymm2[25],ymm0[25],ymm2[26],ymm0[26],ymm2[27],ymm0[27],ymm2[28],ymm0[28],ymm2[29],ymm0[29],ymm2[30],ymm0[30],ymm2[31],ymm0[31]  
    %ymm5 =
define void @mul512(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: mul512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
    ; CHECK-NEXT:  vmovdqa64 (%rsi), %zmm1
    ; CHECK-NEXT:  vpunpckhbw {{.*#+}} zmm2 =
      zmm1[8],zmm0[8],zmm1[9],zmm0[9],zmm1[10],zmm0[10],zmm1[11],zmm0[11],zmm1[12],zmm0[12],zmm1[13],
      zmm0[13],zmm1[14],zmm0[14],zmm1[15],zmm0[15],zmm1[16],zmm0[16],zmm1[24],zmm0[24],zmm1[25],zmm0[25],
      zmm1[26],zmm0[26],zmm1[27],zmm0[27],zmm1[28],zmm0[28],zmm1[29],zmm0[29],zmm1[30],zmm0[30],zmm1[31],
      zmm0[31],zmm1[40],zmm0[40],zmm1[41],zmm0[41],zmm1[42],zmm0[42],zmm1[43],zmm0[43],zmm1[44],zmm0[44],
      zmm1[45],zmm0[45],zmm1[46],zmm0[46],zmm1[47],zmm0[47],zmm1[48],zmm0[48],zmm1[56],zmm0[56],zmm1[57],
      zmm0[57],zmm1[58],zmm0[58],zmm1[59],zmm0[59],zmm1[60],zmm0[60],zmm1[61],zmm0[61],zmm1[62],zmm0[62],
      zmm1[63],zmm0[63]
    ; CHECK-NEXT:  vpunpckhbw {{.*#+}} zmm3 =
      zmm0[8],zmm0[9],zmm0[10],zmm0[11],zmm0[12],zmm0[13],zmm0[14],zmm0[15],zmm0[16],zmm0[17],zmm0[18],
      zmm0[19],zmm0[20],zmm0[21],zmm0[22],zmm0[23],zmm0[24],zmm0[25],zmm0[26],zmm0[27],zmm0[28],zmm0[29],
      zmm0[30],zmm0[31],zmm0[40],zmm0[41],zmm0[42],zmm0[43],zmm0[44],zmm0[45],zmm0[46],zmm0[47],zmm0[48],
      zmm0[49],zmm0[56],zmm0[57],zmm0[58],zmm0[59],zmm0[60],zmm0[61],zmm0[62],zmm0[63]
    ; CHECK-NEXT:  vmulw %zmm2, %zmm3, %zmm2
    ; CHECK-NEXT:  vmovdqa64 {{.*#+}} zmm3 =
    ; CHECK-NEXT:  vpand %zmm3, %zmm2, %zmm2
    ; CHECK-NEXT:  vpunpcklhw {{.*#+}} zmm1 =
      zmm1[1],zmm0[1],zmm1[2],zmm0[2],zmm1[3],zmm0[3],zmm1[4],zmm0[4],zmm1[5],zmm0[5],
      zmm1[6],zmm0[6],zmm1[7],zmm0[7],zmm1[16],zmm0[16],zmm1[17],zmm0[17],zmm1[18],zmm0[18],zmm1[19],
      zmm0[19],zmm1[20],zmm0[20],zmm1[21],zmm0[21],zmm1[22],zmm0[22],zmm1[23],zmm0[23],zmm1[32],zmm0[32],
      zmm1[33],zmm0[33],zmm1[34],zmm0[34],zmm1[35],zmm0[35],zmm1[36],zmm0[36],zmm1[37],zmm0[37],
      zmm1[38],zmm0[38],zmm1[39],zmm0[39],zmm1[48],zmm0[48],zmm1[49],zmm0[49],zmm1[50],zmm0[50],zmm1[51],
      zmm0[51],zmm1[52],zmm0[52],zmm1[53],zmm0[53],zmm1[54],zmm0[54],zmm1[55],zmm0[55]
    ; CHECK-NEXT:  vpunpcklhw {{.*#+}} zmm0 =
      zmm0[0],zmm0[1],zmm0[2],zmm0[3],zmm0[4],zmm0[5],zmm0[6],zmm0[7],zmm0[16],zmm0[17],zmm0[18],zmm0[19],
      zmm0[20],zmm0[21],zmm0[22],zmm0[23],zmm0[32],zmm0[33],zmm0[34],zmm0[35],zmm0[36],zmm0[37],zmm0[38],
      zmm0[39],zmm0[48],zmm0[49],zmm0[49],zmm0[50],zmm0[50],zmm0[51],zmm0[52],zmm0[53],zmm0[54],zmm0[55]
    ; CHECK-NEXT:  vmullw %zmm1, %zmm0, %zmm0
    ; CHECK-NEXT:  vpand %zmm3, %zmm0, %zmm0
    ; CHECK-NEXT:  vpackuswb %zmm2, %zmm0, %zmm0
    ; CHECK-NEXT:  vzeroupper
    ; CHECK-NEXT:  retq
    %d = load <64 x i8>, <64 x i8>* %a
    %e = load <64 x i8>, <64 x i8>* %b
    %f = mul <64 x i8> %d, %e
    store <64 x i8> %f, <64 x i8>* %c
    ret void
}

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<tr>
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</table>

; NOTE: Assertions have been autogenerated by utils/update_analyze_test_checks.py

; RUN: opt < %s  -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx2 | FileCheck %s --check-prefixes=CHECK,VEC256,AVX
; RUN: opt < %s  -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=axv512vl,+avx512bw,+avx512dq,+prefer-256-bit | FileCheck %s --check-prefixes=CHECK,VEC256,SKX256
; RUN: opt < %s  -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=axv512vl,+avx512bw,+avx512dq,-prefer-256-bit | FileCheck %s --check-prefixes=CHECK,VEC512

define void @zext256() "min-legal-vector-width"="256" {
; VEC256-LABEL: 'zext256'
; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
; ; VEC512-LABEL: 'zext256'
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = zext <8 x i16> undef to <8 x i64>
%B = zext <8 x i32> undef to <8 x i64>
%C = zext <16 x i8> undef to <16 x i32>
%D = zext <16 x i16> undef to <16 x i32>
%E = zext <32 x i8> undef to <32 x i16>
ret void
}

define void @sext256() "min-legal-vector-width"="256" {
 ; VEC256-LABEL: 'sext256'
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
 ; VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
 ;
 ; VEC512-LABEL: 'sext256'
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x i64>
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
 ; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = sext <8 x i8> undef to <8 x i64>
%B = sext <8 x i16> undef to <8 x i64>
%C = sext <8 x i32> undef to <8 x i64>
%D = sext <16 x i8> undef to <16 x i32>
%E = sext <16 x i16> undef to <16 x i32>
%F = sext <32 x i8> undef to <32 x i16>
define void @sext512() "min-legal-vector-width"="512" {
    ; AVX-LABEL: 'sext512'
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void

    ; SKX256-LABEL: 'sext512'
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void

    ; VEC512-LABEL: 'sext512'
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x i64>
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
    ; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void

    ; %A = sext <8 x i8> undef to <8 x i64>
    %B = sext <8 x i16> undef to <8 x i64>
    %C = sext <8 x i32> undef to <8 x i64>
    %D = sext <16 x i8> undef to <16 x i32>
    %E = sext <16 x i16> undef to <16 x i32>
    %F = sext <32 x i8> undef to <32 x i16>
%F = sext <32 x i8> undef to <32 x i16>
ret void
}

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; RUN: llc -march=hexagon < %s
; REQUIRES: asserts

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
  entry:
    br i1 undef, label %while.end, label %while.body.lr.ph

  while.body.lr.ph: ; preds = %entry
    br label %while.body

  while.body: ; preds = %exit.2, %while.body.lr.ph
    %lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
    switch i32 undef, label %exit [
      i32 1, label %sw.bb.i
      i32 2, label %sw.bb3.i
    ]

  sw.bb.i: ; preds = %while.body
    unreachable

  sw.bb3.i: ; preds = %while.body
    unreachable

  exit: ; preds = %while.body
    switch i32 undef, label %exit.2 [i32 1, label %sw.bb.i17
    i32 2, label %sw.bb3.i20
    ]

  sw.bb.i17: ; preds = %.exit
%0 = bitcast %struct.0* %lsr.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20: ; preds = %exit
%2 = bitcast %struct.0* %lsr.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2: ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
br label %while.body

while.end: ; preds = %entry
ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
; CHECK-LABEL: test_sitofp_fixed:

; First, extend each i32 to i64
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
; CHECK-DAG: sshll.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
; CHECK-DAG: sshll.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
; CHECK-DAG: sshll.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
; CHECK-DAG: sshll.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0>
ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}
; RUN: opt %s -inline -S | FileCheck %s

define internal void @innerSmall() "min-legal-vector-width"="128" {
ret void
}

define internal void @innerLarge() "min-legal-vector-width"="512" {
ret void
}

define internal void @innerNoAttribute() {
ret void
}

; We should not add an attribute during inlining. No attribute means unknown.
; Inlining doesn't change the fact that we don't know anything about this
; function.
define void @outerNoAttribute() {
call void @innerLarge()
ret void
}

define void @outerConflictingAttributeSmall() "min-legal-vector-width"="128" {
call void @innerLarge()
ret void
}

define void @outerConflictingAttributeLarge() "min-legal-vector-width"="512" {
call void @innerSmall()
ret void
}

; We should remove the attribute after inlining since the callee's
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; vector width requirements are unknown.
define void @outerAttribute() "min-legal-vector-width"="128" {
call void @innerNoAttribute()
ret void
}

; CHECK: define void @outerNoAttribute()
; CHECK: define void @outerConflictingAttributeSmall() #0
; CHECK: define void @outerConflictingAttributeLarge() #0
; CHECK: define void @outerAttribute() {
; CHECK: attributes #0 = { "min-legal-vector-width"="512" }
RUN: opt -consthoist -S -o - %s | FileCheck %s
target triple = "i686-unknown-linux-gnu"

; Check that for i8 type, the maximum legal offset is 31.
; Also check that an constant used as value to be stored rather than
; pointer in a store instruction is hoisted.
; CHECK: foo_i8
; CHECK-DAG:  %[[C1:const[0-9]??]] = bitcast i32 805874720 to i32
; CHECK-DAG:  %[[C2:const[0-9]??]] = bitcast i32 805874688 to i32
; CHECK-DAG:  %[[C3:const[0-9]??]] = bitcast i32 805873720 to i32
; CHECK-DAG:  %[[C4:const[0-9]??]] = bitcast i32 805873688 to i32
; CHECK:  %0 = inttoptr i32 %[[C2]] to i8*
; CHECK-NEXT:  %1 = load volatile i8, i8* %0
; CHECK-NEXT:  %[[M1:const_mat[0-9]??]] = add i32 %[[C2]], 4
; CHECK-NEXT:  %2 = inttoptr i32 %[[M1]] to i8*
; CHECK-NEXT:  %3 = load volatile i8, i8* %2
; CHECK-NEXT:  %4 = inttoptr i32 %[[M2]] to i8*
; CHECK-NEXT:  %5 = load volatile i8, i8* %4
; CHECK-NEXT:  %6 = inttoptr i32 %[[C1]] to i8*
; CHECK-NEXT:  %7 = load volatile i8, i8* %6
; CHECK-NEXT:  %8 = inttoptr i32 %[[M3]] to i8*
; CHECK-NEXT:  %9 = load volatile i8, i8* %8
; CHECK-NEXT:  %10 = inttoptr i32 %[[C4]] to i8*
; CHECK-NEXT:  store i8 %9, i8* %10
; CHECK-NEXT:  %11 = inttoptr i32 %[[M4]] to i8*
; CHECK-NEXT:  store i8 %7, i8* %11
; CHECK-NEXT:  %12 = inttoptr i32 %[[C3]] to i8*
; CHECK-NEXT:  store i8 %5, i8* %12
; CHECK-NEXT:  %13 = inttoptr i32 %[[M5]] to i8*
; CHECK-NEXT:  store i8 %3, i8* %13
; CHECK-NEXT:  %14 = inttoptr i32 %[[M6]] to i8*
; CHECK-NEXT: store i8* %14, i8** @goo

@goo = global i8* undef

define void @foo_i8() {
  entry:
  %0 = load volatile i8, i8* inttoptr (i32 805874688 to i8*)
  %1 = load volatile i8, i8* inttoptr (i32 805874692 to i8*)
  %2 = load volatile i8, i8* inttoptr (i32 805874719 to i8*)
  %3 = load volatile i8, i8* inttoptr (i32 805874720 to i8*)
  %4 = load volatile i8, i8* inttoptr (i32 805874727 to i8*)
  store i8 %4, i8* inttoptr(i32 805873688 to i8*)
  store i8 %3, i8* inttoptr(i32 805873719 to i8*)
  store i8 %2, i8* inttoptr(i32 805873720 to i8*)
  store i8 %1, i8* inttoptr(i32 805873727 to i8*)
  store i8* inttoptr(i32 805874800 to i8*), i8** @goo
  ret void
}

; Check that for i16 type, the maximum legal offset is 62.
; CHECK: foo_i16
; CHECK-DAG: %[[C1:const[0-9]??]] = bitcast i32 805874752 to i32
; CHECK-DAG: %[[C2:const[0-9]??]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i16*
; CHECK-NEXT: %1 = load volatile i16, i16* %0, align 2
; CHECK-NEXT: %[[M1:const_mat[0-9]??]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i16*
; CHECK-NEXT: %3 = load volatile i16, i16* %2, align 2
; CHECK-NEXT: %[[M2:const_mat[0-9]??]] = add i32 %[[C2]], 32
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i16*
; CHECK-NEXT: %5 = load volatile i16, i16* %4, align 2
; CHECK-NEXT: %[[M3:const_mat[0-9]??]] = add i32 %[[C2]], 62
; CHECK-NEXT: %6 = inttoptr i32 %[[M3]] to i16*
; CHECK-NEXT: %7 = load volatile i16, i16* %6, align 2
; CHECK-NEXT: %[[M4:const_mat[0-9]??]] = add i32 %[[C1]], 22
; CHECK-NEXT: %8 = inttoptr i32 %[[M4]] to i16*
; CHECK-NEXT: %9 = load volatile i16, i16* %8, align 2
; CHECK-NEXT: %[[M5:const_mat[0-9]??]] = add i32 %[[C1]], 84
; CHECK-NEXT: %10 = inttoptr i32 %[[M5]] to i16*
; CHECK-NEXT: %11 = load volatile i16, i16* %10, align 2

define void @foo_i16() {
  entry:
  %0 = load volatile i16, i16* inttoptr (i32 805874688 to i16*), align 2
  %1 = load volatile i16, i16* inttoptr (i32 805874692 to i16*), align 2
  %2 = load volatile i16, i16* inttoptr (i32 805874720 to i16*), align 2
  %3 = load volatile i16, i16* inttoptr (i32 805874750 to i16*), align 2
  %4 = load volatile i16, i16* inttoptr (i32 805874752 to i16*), align 2
  %5 = load volatile i16, i16* inttoptr (i32 805874774 to i16*), align 2

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; Check that for i32 type, the maximum legal offset is 124.
; CHECK: foo_i32
; CHECK-DAG: %[[C1:const[0-9]??]] = bitcast i32 805874816 to i32
; CHECK-DAG: %[[C2:const[0-9]??]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i32*
; CHECK-NEXT: %1 = load volatile i32, i32* %0, align 4
; CHECK-NEXT: %[[M1:const_mat[0-9]??]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i32*
; CHECK-NEXT: %3 = load volatile i32, i32* %2, align 4
; CHECK-NEXT: %[[M2:const_mat[0-9]??]] = add i32 %[[C2]], 124
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i32*
; CHECK-NEXT: %5 = load volatile i32, i32* %4, align 4
; CHECK-NEXT: %6 = inttoptr i32 %[[C1]] to i32*
; CHECK-NEXT: %7 = load volatile i32, i32* %6, align 4
; CHECK-NEXT: %[[M3:const_mat[0-9]??]] = add i32 %[[C1]], 8
; CHECK-NEXT: %8 = inttoptr i32 %[[M3]] to i32*
; CHECK-NEXT: %9 = load volatile i32, i32* %8, align 4
; CHECK-NEXT: %[[M4:const_mat[0-9]??]] = add i32 %[[C1]], 12
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i32*
; CHECK-NEXT: %11 = load volatile i32, i32* %10, align 4

define void @foo_i32() {
entry:
%0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
%1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
%2 = load volatile i32, i32* inttoptr (i32 805874812 to i32*), align 4
%3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4
%4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
%5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
ret void
}

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<td>OpenBSD regex</td>
<td>llvm/lib/Support/{reg*, COPYRIGHT.regex}</td>
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: RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s
:
: D31946
: Check that we dont end up with the ""LLVM ERROR: Cannot select" error.
: Additionally ensure that the output code actually put fp128 values in SSE registers.

declare fp128 @llvm.fabs.f128(fp128)
declare fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
  %cmp = fcmp ogt fp128 %a, %b
  %sub = fsub fp128 %a, %b
  %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
  ret fp128 %res
}

define fp128 @TestFabs(fp128 %a) {
  %res = call fp128 @llvm.fabs.f128(fp128 %a)
  ret fp128 %res
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
  %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
  ret fp128 %res
}
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1.611 asm 7.1

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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.

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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.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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   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.

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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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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Version 2, June 1991

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Preamble

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distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
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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,
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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
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this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
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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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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1.620 generex 1.0.2

1.620.1 Available under license :

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 */

Found in path(s):
* /opt/cola/permits/1000610466_1606952086.17/0/generex-1-0-2-sources-1-jar/META-INF/maven/com.github.mifmif/generex/pom.xml

Found in path(s):
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1.621 log-rotate 3.8.6

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1.623 zlib 1.2.11 r1

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-- Wolfgang Denk

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1.627 jackson-mapper-asl 1.9.13
1.627.1 Available under license:

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/* Jackson JSON-processor. */
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*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1078286973_1597285663.32/0/jackson-mapper-asl-1-9-13-sources-2-
  jar/org/codehaus/jackson/map/MappingJsonFactory.java

1.628 readline 6.2 10.el7.centos

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import com.fasterxml.jackson.annotation.JsonAnyGetter;
import com.fasterxml.jackson.annotation.JsonAnySetter;
import java.util.LinkedHashMap;
import java.util.Map;

public class License {
    private Map<String, Object> vendorExtensions = new LinkedHashMap<String, Object>;
    private String name;
    private String url;

    public License name(String name) {
        setName(name);
        return this;
    }

    public License url(String url) {
        setUrl(url);
        return this;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getUrl() {
        return url;
    }

    public void setUrl(String url) {
        this.url = url;
    }

    @JsonAnyGetter
```
public Map<String, Object> getVendorExtensions() {
    return vendorExtensions;
}

@JsonAnySetter
public void setVendorExtension(String name, Object value) {
    if (name.startsWith("x-")) {
        vendorExtensions.put(name, value);
    }
}

public void setVendorExtensions(Map<String, Object> vendorExtensions) {
    this.vendorExtensions = vendorExtensions;
}

@Override
public int hashCode() {
    final int prime = 31;
    int result = 1;
    result = prime * result + ((name == null) ? 0 : name.hashCode());
    result = prime * result + ((url == null) ? 0 : url.hashCode());
    return result;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    License other = (License) obj;
    if (name == null) {
        if (other.name != null) {
            return false;
        }
    } else if (!name.equals(other.name)) {
        return false;
    }
    if (url == null) {
        if (other.url != null) {
            return false;
        }
    } else if (!url.equals(other.url)) {
    } else if (!name.equals(other.name)) {
        return false;
    }
    if (url == null) {
        if (other.url != null) {
            return false;
        }
    } else if (!url.equals(other.url)) {
    } else if (!name.equals(other.name)) {
        return false;
    }
    return true;
}
return false;
}
return true;
}

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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as described by A.Terekhov (later version 2);
implementation of MCS (Mellor-Crummey/Scott) locks.
2015
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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 $@ $<
## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \n | sed \"%s/\($*\)/\o[ :]*A1.o $@@ : /g\" > $@@; \n [ -s $@@ ] \| rm -f $@@'
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \n | sed \"%s/\($*\)/\o[ :]*A1.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_MAJOR) $@

## 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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Version 2, June 1991

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1.640 swagger-annotations 1.5.16

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package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 * @return an optional URL for the license.
 */
String url() default "";
}

1.641 lcms 2.6 3.el7
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1.642 curl 7.29.0 46.el7

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OpenSSL http://www.openssl.org/source/license.html

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GnuTLS http://www.gnutls.org/

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yassl http://www.yassl.com/

(May be used for SSL/TLS support) Uses the GPL[1] license. If this is a problem for you, consider using OpenSSL or GnuTLS instead.

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axTLS  http://axtls.sourceforge.net/

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c-ares  http://daniel.haxx.se/projects/c-ares/license.html

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zlib  http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

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MIT Kerberos  http://web.mit.edu/kerberos/www/dist/

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GNU GSS  http://www.gnu.org/software/gss/

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fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume that it uses the OpenSSL license and thus shares the same issues as
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[2] = http://www.fsf.org/licenses/gpl-faq.html#GPLIncompatibleLibs details on how to write such an exception to the GPL

1.643 open-ldap 2.4.44

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1.650 commons-io 2.5
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<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
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<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
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</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a> &raquo <a href="/licenses/">Licenses</a></div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

</ul>

</li>

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown">Contact <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

</ul>

</li>

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown">Feedback <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

</ul>

</li>

</ul>

</div>

</div>

</nav>

</header>

<!-- Main content -->

<div class="container">

<div class="row">

<div class="col-md-12">

</div>

</div>

</div>

</body>
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<div class="col-sm-1"></div>
<div class="col-sm-2">
<h5 class="white">Community</h5>
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<li><a href="/foundation/conferences.html">Conferences</a></li>
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
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<li><a href="/foundation/getinvolved.html">Get Involved</a></li>
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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.

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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.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
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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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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<one line to give the library's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1990
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[This is the first released version of the library GPL. It is
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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this,
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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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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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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Sections 1 and 2 above); and, if the work is an executable linked
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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
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1.653 libevent 2.1.8

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1.654 libaio 0.3.109-13.el7

1.655 tiger-types 1.4

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* Checks if this content model has had its min/maxOccurs values reduced for
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*
* @return a boolean that says whether this content has been compacted for UPA
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*/opt/cola/permits/1110923106_1606873023.09/0/xercesimpl-2-11-0-sources-1-
jar/org/apache/xerces/stax/events/ProcessingInstructionImpl.java
*/opt/cola/permits/1110923106_1606873023.09/0/xercesimpl-2-11-0-sources-1-
jar/org/apache/xerces/parsers/XMLDocumentParser.java
*/opt/cola/permits/1110923106_1606873023.09/0/xercesimpl-2-11-0-sources-1-
jar/org/apache/xerces/impl/dtd/XML11DTPProcessor.java
*/opt/cola/permits/1110923106_1606873023.09/0/xercesimpl-2-11-0-sources-1-
jar/org/apache/xerces/impl/XMLDocumentScannerImpl.java
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jar/org/apache/xerces/util/XMLResourceIdentifierImpl.java
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jar/org/apache/xerces/impl/xs/traversers/XSDAttributeTraverser.java
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* /opt/cola/permits/1110923106_1606873023.09/0/xercesimpl-2-11-0-sources-1.jar/org/apache/xerces/impl/dv/xs/abstractDateTimeDV.java
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* /opt/cola/permits/1110923106_1606873023.09/0/xercesimpl-2-11-0-sources-1.jar/org/apache/xerces/impl/dv/xs/abstractDateTimeDV.java

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 */
/**
 * DOM Level 3 LS CR - Experimental.
 * Create a new <code>LSParser</code>. The newly constructed parser may
 * then be configured by means of its <code>DOMConfiguration</code>
 * object, and used to parse documents by means of its <code>parse</code>
 * method.
 * @param mode  The <code>mode</code> argument is either
 * <code>MODE_SYNCHRONOUS</code> or <code>MODEASYNCHRONOUS</code>, if
 * <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
 * <code>LSParser</code> that is created will operate in synchronous
 * mode, if it's <code>MODEASYNCHRONOUS</code> then the
 * <code>LSParser</code> that is created will operate in asynchronous
 * mode.
 * @param schemaType  An absolute URI representing the type of the schema
 * language used during the load of a <code>Document</code> using the
 * newly created <code>LSParser</code>. Note that no lexical checking
 * is done on the absolute URI. In order to create a
 * <code>LSParser</code> for any kind of schema types (i.e. the
 * LSParser will be free to use any schema found), use the value
 * <code>null</code>.
 * <p><b>Note:</b> For W3C XML Schema [<a href='http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/'>XML Schema Part 1</a>]
 * , applications must use the value
* applications must use the value
  * `<code>"http://www.w3.org/TR/REC-xml"</code>`. Other Schema languages
  * are outside the scope of the W3C and therefore should recommend an
  * absolute URI in order to use this method.
  * `<code>LSParser</code>` object. This
  * `<code>LSParser</code>` is either synchronous or asynchronous
  * depending on the value of the `<code>mode</code>` argument.
  * `<code>DOMErrorHandler</code>` argument.
  * By default, the newly created `<code>LSParser</code>`
  * does not contain a `<code>DOMErrorHandler</code>` object. This one
  * the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler'>error-handler</a>"
  * configuration parameter is `<code>null</code>`. However, implementations
  * may provide a default error handler at creation time. In that case,
  * the initial value of the `<code>error-handler</code>` parameter on the newly
  * reference to the default error handler.
  * @exception DOMException
  * NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
  * not supported.
  */

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   c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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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 &#169; " + tags[i].text() + "</i></dt>");
}
}
result.append("</dl>");
return result.toString();
}
else {
return null;

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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
* /
public abstract class Permission implements Guard, Serializable
{
/**
 * Compatible with JDK 1.1+.
 */
private static final long serialVersionUID = -5636570222231596674L;

/**
 * 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
 * @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
 * @return true if this equals obj
 */
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>.
 * 
 */

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>.
 *
 * @return this object as a <code>String</code>
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();
    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    string = string.append(' + ');
    string = string.append(getActions());
    string = string.append(')'}
    return string.toString();
if (!getActions().equals(""))
{
    string = string.append(' ');  
    string = string.append(getActions());
}

string = string.append('');
return string.toString();
}
// class Permission
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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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#
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#
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# 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:
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',
'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',

)

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
    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]+\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 + '\s*[' + name + ']')

        # Matches a full copyright notice:
        self.copyright_re = re.compile (}
        # 1: 'Copyright (C)', etc.
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)
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 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)]
            + ' ' + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)'
    elif intro.endswith ('(c)'):
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

                elif self.other_copyright_re.search(line):
                    self.errors.report(pathname,
                                       'unrecognised copyright: %s
                                       % line.strip())
                    lines.append(line)
                    line = next_line

                else:
                    lines.append(line)
                    line = next_line

    # 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:
```python
    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

    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 (format % (what, help))
sys.stdout.write ('unDirectories:
')

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()
    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([  
        # 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',
        '])

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)
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',
        ])
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):
        super().__init__(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('The 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 Regents of the University of California.')
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', LibStdCxxFilter()))
        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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University of Illinois at Urbana-Champaign

http://llvm.org

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<th>Directory</th>
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<td>lib/interception/mach_override</td>
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@appendixsubsec Preamble

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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.

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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@miiname.mitia.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(agg@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 not the same as the class java.security.Permission.
 * @version 0.0
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */
public interface Permission {

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

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

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*m4/ax_func_which_gethostbyname_r.m4

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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
", (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
", (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
", (int)(ROUNDED)))
#endif
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)\nif ((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)\nsprintf ((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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Version 3, 29 June 2007

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*/
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1.674 device-mapper-multipath 0.4.9-123.el7.centos
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[This is the first released version of the library GPL. It is
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Preamble

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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.

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Appendix: How to Apply These Terms to Your New Libraries

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<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

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

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1.675 postgresql 9.4
1.675.1 Available under license :
Public Domain

1.676 openstack4j-core 3.6
1.676.1 Available under license :
No license file was found, but licenses were detected in source scan.

    public Domain getDomain() {
    public Domain getDomain() {
    public Domain getDomain() {

    Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/domain/KeystoneAuth.java
No license file was found, but licenses were detected in source scan.

    public DomainService domains() {

    Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/internal/IdentityServiceImpl.java
No license file was found, but licenses were detected in source scan.
public DomainEntry createPublic(String domainName, String project) {
public DomainEntry createPrivate(String domainName, String availabilityZone) {

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/compute/internal/ext/FloatingIPDNSDomainServiceImpl.java
No license file was found, but licenses were detected in source scan.

public DomainBuilder toBuilder() {
public DomainConcreteBuilder() {
public Domain build() {
public DomainBuilder from(Domain in) {
public DomainBuilder id(String id) {
public DomainBuilder description(String description) {
public DomainBuilder name(String name) {
public DomainBuilder options(Map<String, String> options) {
public DomainBuilder links(Map<String, String> links) {
public DomainBuilder enabled(boolean enabled) {

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/domain/KeystoneDomain.java
No license file was found, but licenses were detected in source scan.

public Domain getDomain() {

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/domain/KeystoneProject.java
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/domain/KeystoneUser.java
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package org.openstack4j.openstack.identity.v3.internal;

import static com.google.common.base.Preconditions.checkNotNull;
import static org.openstack4j.core.transport.ClientConstants.PATH_DOMAINS;
import java.util.List;
import org.openstack4j.api.identity.v3.DomainService;
import org.openstack4j.model.common.ActionResponse;
import org.openstack4j.model.identity.v3.Domain;

public class DomainServiceImpl extends BaseIdentityServices implements DomainService {
@Override
public Domain create(Domain domain) {
checkNotNull(domain);
return post(KeystoneDomain.class, PATH_DOMAINS).entity(domain).execute();
}
@Override
public Domain create(String name, String description, boolean enabled) {
checkNotNull(name);
checkNotNull(description);
checkNotNull(enabled);
return create(KeystoneDomain.builder().name(name).description(description).enabled(enabled).build());
}
@Override
public Domain update(Domain domain) {
checkNotNull(domain);
return patch(KeystoneDomain.class, PATH_DOMAINS, "/", domain.getId()).entity(domain).execute();
}
@Override
public Domain get(String domainId) {
checkNotNull(domainId);
return get(KeystoneDomain.class, PATH_DOMAINS, "/", domainId).execute();
}
@Override
public List<? extends Domain> getByName(String domainName) {
checkNotNull(domainName);
return get(Domains.class, uri(PATH_DOMAINS)).param("name", domainName).execute().getList();
}
@Override
public ActionResponse delete(String domainId) {
checkNotNull(domainId);
return deleteWithResponse(PATH_DOMAINS, "/", domainId).execute();
}
@Override
public List<? extends Domain> list() {
return get(Domains.class, uri(PATH_DOMAINS)).execute().getList();
}
}
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sourcesjar/org/openstack4j/openstack/identity/v3/internal/DomainServiceImpl.java

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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/heat/domain/HeatResourceHealth.java
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/model/heat/ResourceHealth.java
No license file was found, but licenses were detected in source scan.

public DomainBuilder domain();

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/model/identity/v3/builder/IdentityV3Builders.java
No license file was found, but licenses were detected in source scan.

public DomainBuilder domain() {

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/builder/KeystoneV3Builders.java
No license file was found, but licenses were detected in source scan.

public Domain getUserDomain(String userId) {

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/internal/UserServiceImpl.java
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/**
 * Creates or Updates a PUBLIC domain name record
 */
* @param domainName the FQ Domain name
* @param project the project name
* @return the created/updated domain entry
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/api/compute/ext/FloatingIPDNSDomainService.java

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/**
 * The Interface FloatingIP.
 *
 * <p>Copyright (c) 2014 by Dorado Software, Inc. All Rights Reserved.
 *
 * @author nanderson
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/model/network/FloatingIP.java

1.677 javax-inject 2.5.0-b32
1.677.1 Available under license :
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* /opt/ws_local/PERMITS_SQL/1069127339_1594491718.53/0/openshift-model-4-10-2-sources-jar/io/fabric8/openshift/api/model/Template.java

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1.683 libvisual 0.4.0 16.el7

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1.688 avalon-framework-api 4.3

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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>
 * </p>
 * <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 [@link SimpleChannelInboundHandler]<Message> {

        private boolean loggedIn;

        @Override
        public void channelRead0([@link ChannelHandlerContext] ctx, Message message) {
            if (message instanceof LoginMessage) {
                authenticate((LoginMessage) message);
                loggedIn = true;
            } else (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:

    // Create a new handler instance per channel.
    // See [@link ChannelInitializer#initChannel(Channel)].
    public class DataServerInitializer extends [@link ChannelInitializer]<Channel> {
        @Override
        public void initChannel([@link Channel] channel) {
            channel.pipeline().addLast("handler", new DataServerHandler());
        }
    }
* <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]}:
* 
* public interface Message {
*     // your methods here
* }
* 
* {[@code @Sharable]}
* public class DataServerHandler extends {[@link SimpleChannelInboundHandler]}
* {
*     private final {[@link AttributeKey]} auth =
*         {[@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);
*     } else (message instanceof GetDataMessage) {
*         if ({[@code Boolean].TRUE.equals(attr.get())} {
*             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]} {
*     private static final DataServerHandler SHARED = new DataServerHandler();
* 
*     {[@code @Override]}
*     public void initChannel({[@link Channel]} channel) {
*         channel.pipeline().addLast("handler", SHARED);
*     }
* 
* }<pre>
The `@Sharable` annotation

In the example above which used an `AttributeKey`, you might have noticed the `@Sharable` annotation.

If a `ChannelHandler` is annotated with the `@Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `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.

Additional resources worth reading

Please refer to the `ChannelHandler`, and `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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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

   a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

   b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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That's all there is to it!

1.692 patch 2.7.1
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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those subprograms and other parts of the work.

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d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not
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You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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

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Version 2, June 1991

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<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

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*/

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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/context/TypeConstraintMappingContext.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/ShortArrayValueExtractor.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/util/privilegedactions/LoadClass.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalDateTime.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttribute.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForJapaneseDate.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/xml/mapping/ConstraintTypeStaxBuilder.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertFalseValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigInteger.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/ConfigurationImpl.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/GenericConstraintDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/metadata/facets/Cascadable.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/resource/loading/constraintvalidation/ConstraintValidatorManager.java
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7627

jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForLong.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForThaiBuddhistDate.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/ValidationContext.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigInteger.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraintvalidators/RegexpURLValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForLong.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForShort.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForLong.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate-validator/internal/util/logging/formatter/ArrayOfClassesObjectFormatter.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate-validator/internal/util/annotation/ConstraintAnnotationDescriptor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/cfg/defs/DurationMinDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/engine/constraintvalidation/ConstraintValidatorDescriptor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/metadata/location/CrossParameterConstraintLocation.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetTime.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/metadata/aggregated/rule/package-info.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/engine/constraintvalidation/HibernateConstraintValidatorInitializationContextImpl.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/constraintvalidators/bv/time/PastValidatorForCalendar.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/constraintvalidators/bv/money/MinValidatorForMonetaryAmount.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForByte.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate.validator/constraints/pl/package-info.java
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jar/org/hibernate/validator/cfg/context/ContainerElementTarget.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForMonth
Day.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForByte.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/constraints/ISBN.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/cfg/defs/CodePointLengthDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/constraintvalidators/bv/EmailValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyListPropertyValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCollection.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/PositiveOrZeroValidatorForMonetaryAmount.jav
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~
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Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-configuration-1.0.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-mapping-2.0.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-configuration-1.1.xsd
INF/validation-configuration-2.0.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/overview.html
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-mapping-1.1.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-mapping-1.0.xsd

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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> 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>
 *<pre>
* {@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/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraints/ParameterScriptAssert.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/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
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 */
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 */

Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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* /opt/cola/permissions/1110675265_1606843042.99/0/hibernate-validator-6.0.18-final-sources-5-
  jar/org/hibernate/validation/internal/util/TypeHelper.java

1.707 xz 5.2.2
1.707.1 Available under license:

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==================

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* Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
* key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
* version.
* 
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* @deprecated <b>Pass a key of type {@code Comparable} to use {@link
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/cache/AbstractCache.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/base/Ticker.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/cache/Weigher.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingCheckedFuture.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/hash/AbstractHasher.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/cache/package-info.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/hash/Funnel.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/hash/Hashing.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/primitives/UnsignedInts.java
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/*
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/math/LinearTransformation.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/xml/package-info.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/io/CharSink.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/io/ByteSource.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/math/PairedStats.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/cache/LongAddables.java

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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/util/concurrent/AbstractService.java
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jar/com/google/common/escape/Escapers.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/ImmutableSortedMap.java
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jar/com/google/common/collection/SortedMultisetBridge.java
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jar/com/google/common/collection/FilteredKeyListMultimap.java
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jar/com/google/common/collection/AbstractSortedKeySortedSetMultimap.java
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jar/com/google/common/collection/UnmodifiableSortedMultiset.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/Collections2.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/TreeBasedTable.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collect/ImmutableCollection.java
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* /opt/shares/1110923413_1606872220.46/0/guava-27.1-jre-sources-2.jar/com/google/common/graph/BaseGraph.java
* /opt/shares/1110923413_1606872220.46/0/guava-27.1-jre-sources-2.jar/com/google/common/graph/ValueGraphBuilder.java
* /opt/shares/1110923413_1606872220.46/0/guava-27.1-jre-sources-2.jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/shares/1110923413_1606872220.46/0/guava-27.1-jre-sources-2.jar/com/google/common/graph/AbstractGraph.java
* /opt/shares/1110923413_1606872220.46/0/guava-27.1-jre-sources-2.jar/com/google/common/graph/EndpointPairIterator.java

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* /opt/shares/1110923413_1606872220.46/0/guava-27.1-jre-sources-2.jar/com/google/common/graph/AbstractGraph.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/graph/MutableGraph.java

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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
  jar/com/google/common/collection/GwtTransient.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.
 */
* TODO(kevinb): support concurrently modified collections?

  * @param c the collection for which to return an array of elements

*/

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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/io/MoreFiles.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collection/ImmutableMapEntry.java

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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/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/hash/LittleEndianByteArray.java
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  jar/com/google/common/collection/LinkedHashMultimap.java
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  jar/com/google/common/collection/Multimaps.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
  jar/com/google/common/collection/ArrayListMultimap.java
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jar/com/google/common/collect/ForwardingMultiset.java
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jar/com/google/common/collect/ForwardingList.java
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jar/com/google/common/collect/ConcurrentHashMultiset.java
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jar/com/google/common/collect/EnumBiMap.java
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*/
/**
* Outer class that exists solely to let us write [code Partially.GwtIncompatible] instead of plain
* [code GwtIncompatible]. This is more accurate for [link Futures#catching], which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use [code PartiallyGwtIncompatible] because then the GWT compiler wouldn't recognize
* it as a [code GwtIncompatible] annotation. And for [code Futures.catching], we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
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*/

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  jar/com/google/common/hash/ImmutableSupplier.java
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  jar/com/google/common/collect/JdkBackedImmutableSet.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2.jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2.jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2.jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2.jar/com/google/common/base/MoreObjects.java

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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/reflect/TypeVisitor.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/base/Verify.java
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  jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
  jar/com/google/common/primitives/ImmutableIntArray.java
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  jar/com/google/common/hash/AbstractHashFunction.java
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  jar/com/google/common/primitives/ImmutableDoubleArray.java

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  jar/com/google/common/hash/Striped64.java
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  jar/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
  jar/com/google/common/cache/Striped64.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
  jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-
  jar/com/google/common/hash/LongAdder.java

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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collection/RegularImmutableSortedMultiset.java
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* /opt/cola/permits/1110923413_1606872220.46/0/guava-27-1-jre-sources-2-jar/com/google/common/collection/AbstractRangeSet.java
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@end group
@end smallexample
```

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```plaintext
@smallexample
@group
with the Invariant Sections being @var{list their titles}, with
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@end group
@end smallexample
```

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@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
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Version 3, 29 June 2007

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Source Files
-----------

. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <mark.martinec@ijs.si>.

Please look into snprintf.c for the copyright message.

The complete snprintf package together with documentation is available
from

http://www.ijs.si/software/snprintf/.

The `grn' preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

The original package can be found at

src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp

The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c
src/include/DviChar.h
src/include/XFontName.h

src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c

Macro Packages
--------------

. The `-mdoc` macro set, using the BSD license.

  tmac/doc.tmac
  tmac/doc-old.tmac
  tmac/doc-common
  tmac/doc-ditroff
  tmac/doc-nroff
  tmac/doc-syms
  tmac/groff_mdoc.man

. The `-me` macro set, using the BSD license.

  tmac/e.tmac
  tmac/groff_me.man
  doc/meintro.me
  doc/meref.me

Hyphenation Patterns
---------------------

. The file `tmac/hyphen.us` is identical to the file `hyphen.tex`, part of the TeX system written by Donald E. Knuth; the master file can be found at

  ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

It has been renamed for consistency, i.e., to make patterns available under the filenames `hyphen.<language>`, e.g. `hyphen.de` or `hyphen.uk`.

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. The file `tmac/hyphen.fr` contains the same patterns as the file `frhyph.tex` (for TeX), which can be found at

  http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex
The patterns have been converted to a format groff can understand.

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. The file `tmac/hyphen.sv' is identical to the file `svhyph.tex', which can be found at

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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyphn.tex' and `dehyphpt.tex' (for TeX), which can be found at

  http://dante.ctan.org/CTAN/language/hyphenation/dehyphn.tex
  http://dante.ctan.org/CTAN/language/hyphenation/dehyphpt.tex

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. The file `tmac/hyphenex.det' is identical to the file `dehyphtex.tex', which can be found at

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. The file `tmac/hyphen.cs' contains the same patterns as the file `czhyphen.tex' (for TeX), which can be found in the archive

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  margin:12px;
  margin-top:58px;
}

.menubar {
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  background: #044a64;
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.toolbar {
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-
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jloup@gzip.org          madler@alumni.caltech.edu

The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete—if you believe you should be listed, please send a note to sudo@sudo.ws.

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, Vitezslav
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
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Juhani, Timo
Kikuchi, Ayamura
Kadow, Kevin
Kasal, Stepan
Kien enberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knob le, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Miller, Dworkin
Nieuusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Percival, Ted
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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
The following people have worked to translate sudo into other languages:

Ryabinkin, Eygene
Sato, Yuichi
Sánchez, 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
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Tarrall, Robert
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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
1.723 nettle 2.7.1 8.el7
1.723.1 Available under license:

    /* pbkdf2-hmac-sha256.c
    *
    * PKCS #5 PBKDF2 used with HMAC-SHA256, see RFC 2898.
    */

    /* nettle, low-level cryptographics library
    *
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    * MA 02111-1301, USA.
    */

    /* crypto/des/destest.c */
    /* Copyright (C) 1995-1997 Eric Young (eay@cryptsoft.com)
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    *
    * This package is an SSL implementation written
    * by Eric Young (eay@cryptsoft.com).
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1.724 libnfsidmap 0.25 19.el7

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1.726 libevdev 1.5.6 1.el7

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1.727 tomcat-api 7.0.76

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1.729 cdi-api 1.1-PFD

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1.735 zlib 1.2.7

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package org.HdrHistogram;

final class Version {
    public static final String version="$VERSION$";
    public static final String build_time="$BUILD_TIME$";
}

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final class Version {
    public static final String version="$VERSION$";
    public static final String build_time="$BUILD_TIME$";
}

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1.737 junit 4.11
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- javaee_web_services_1_3.xsd
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- web-app_3_0.xsd
- web-common_3_0.xsd
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1.741 libsgutils 1.37-12.el7

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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
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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.)

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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
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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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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 from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the 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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You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.
Flatten sysdeps/unix/bsd/bsd4.4 into sysdeps/unix/bsd.

As discussed in <https://sourceware.org/ml/libc-alpha/2012-04/msg00840.html> and <https://sourceware.org/ml/libc-alpha/2012-04/msg00989.html>, it seems appropriate to flatten sysdeps/unix/bsd/bsd4.4 into sysdeps/unix/bsd.

The bulk of the patch is just moving files. The only other changes are: update paths in sysdeps/mach/hurd/Implies and sysdeps/unix/sysv/linux/wait3.c; merge the two syscallists list files, with the removal of syscalls that were in sysdeps/unix/bsd/syscalls.list but overridden in the bsd4.4 directory by .c files there.

Tested x86_64. The installed shared libraries are identical before and after the patch except for libc.so where the move of wait3.c (included by sysdeps/unix/sysv/linux/wait3.c) affects debug info, but the disassembly is unchanged.

* sysdeps/mach/hurd/Implies: Change unix/bsd/bsd4.4 to unix/bsd.
* sysdeps/unix/bsd/syscalls.list (chflags): Add entry from sysdeps/unix/bsd/bsd4.4/syscalls.list.
* (fchflags): Likewise.
* (revoke): Likewise.
* (setlogin): Likewise.
* (sigaltstack): Likewise.
* (wait4): Likewise.
* (sigblock): Remove.
* (sigsetmask): Likewise.
* (wait3): Likewise.
* (waitpid): Likewise.
* sysdeps/unix/bsd/bsd4.4/syscalls.list: Remove file.
* sysdeps/unix/bsd/bsd4.4/Makefile: Move to ...
* sysdeps/unix/bsd/Makefile: ... here.
* sysdeps/unix/bsd/bsd4.4/Versions: Move to ...
* sysdeps/unix/bsd/Versions: ... here.
* sysdeps/unix/bsd/bsd4.4/bits/sockaddr.h: Move to ...
* sysdeps/unix/bsd/bits/sockaddr.h: ... here.
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* sysdeps/unix/bsd4.4/cmsg_nxthdr.c: Move to ...
* sysdeps/unix/cmsg_nxthdr.c: ... here.
* sysdeps/unix/bsd4.4/sigblock.c: Move to ...
* sysdeps/unix/bsd/sigblock.c: ... here.
* sysdeps/unix/bsd4.4/sigsetmask.c: Move to ...
* sysdeps/unix/bsd/sigsetmask.c: ... here.
* sysdeps/unix/bsd4.4/sigvec.c: Move to ...
* sysdeps/unix/bsd/sigvec.c: ... here.
* sysdeps/unix/bsd4.4/tcdrain.c: Move to ...
* sysdeps/unix/bsd/tcdrain.c: ... here.
* sysdeps/unix/bsd4.4/tcgetattr.c: Move to ...
* sysdeps/unix/bsd/tcgetattr.c: ... here.
* sysdeps/unix/bsd4.4/tcsetattr.c: Move to ...
* sysdeps/unix/bsd/tcsetattr.c: ... here.
* sysdeps/unix/bsd4.4/wait.c: Move to ...
* sysdeps/unix/bsd/wait.c: ... here.
* sysdeps/unix/bsd4.4/wait3.c: Move to ...
* sysdeps/unix/bsd/wait3.c: ... here.
* sysdeps/unix/bsd4.4/waitpid.c: Move to ...
* sysdeps/unix/bsd/waitpid.c: ... here.

diff --git a/sysdeps/mach/hurd/Implies b/sysdeps/mach/hurd/Implies
index b6063463ce34f3b7..d2d5234e1fd1522 100644
--- a/sysdeps/mach/hurd/Implies
+++ b/sysdeps/mach/hurd/Implies
@@ -2,4 +2,4 @@
# Hurd-based GNU systems.
gnu
# The Hurd provides a rough superset of the functionality of 4.4 BSD.
-bsd4.4
+bsd

diff --git a/sysdeps/bsd/bd4.4/Makefile b/sysdeps/bsd/Makefile
similarity index 100%
rename from sysdeps/bsd/bd4.4/Makefile
rename to sysdeps/bsd/Makefile
diff --git a/sysdeps/bsd/bd4.4/Versions b/sysdeps/bsd/Versions
similarity index 100%
rename from sysdeps/bsd/bd4.4/Versions
rename to sysdeps/bsd/Versions
diff --git a/sysdeps/bsd/bd4.4/bits/socketaddr.h b/sysdeps/bsd/bits/socketaddr.h
similarity index 100%
rename from sysdeps/bsd/bd4.4/bits/socketaddr.h
rename to sysdeps/bsd/bits/socketaddr.h
diff --git a/sysdeps/bsd/bd4.4/syscalls.list b/sysdeps/bsd/bd4.4/syscalls.list
deleted file mode 100644
index a4d354685424ac61..0000000000000000
--- a/sysdeps/bsd/bd4.4/syscalls.list
+++ /dev/null
@@ -1,8 +0,0 @@
-# File nameCallerSyscall name# argsStrong nameWeak names
-
-chflags-chflags2chflags
-fchflags-fchflags2fchflags
-revoke-revoke1revoke
-setlogin-setlogin2setlogin
-sigaltstack-sigaltstack2__sigaltstacksigtstack
-wait4-wait44__wait4wait4

diff --git a/sysdeps/unix/bsd/bsd4.4/cmsg_nxthdr.c b/sysdeps/unix/bsd/cmsg_nxthdr.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/cmsg_nxthdr.c
rename to sysdeps/unix/bsd/cmsg_nxthdr.c

diff --git a/sysdeps/unix/bsd/bsd4.4/sigblock.c b/sysdeps/unix/bsd/sigblock.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/sigblock.c
rename to sysdeps/unix/bsd/sigblock.c

diff --git a/sysdeps/unix/bsd/bsd4.4/sigsetmask.c b/sysdeps/unix/bsd/sigsetmask.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/sigsetmask.c
rename to sysdeps/unix/bsd/sigsetmask.c

diff --git a/sysdeps/unix/bsd/bsd4.4/sigvec.c b/sysdeps/unix/bsd/sigvec.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/sigvec.c
rename to sysdeps/unix/bsd/sigvec.c

diff --git a/sysdeps/unix/bsd/syscalls.list b/sysdeps/unix/bsd/syscalls.list
index e84819dc1f19d148..9f48a144d475f342 100644
--- a/sysdeps/unix/bsd/syscalls.list
+++ b/sysdeps/unix/bsd/syscalls.list
@@ -1,14 +1,16 @@
 # File nameCallerSyscall name# argsStrong nameWeak names

+chflags-chflags2chflags
+fchflags-fchflags2fchflags

flock-flock2__flockflock
getdents-getdirententries4__getdirentriesgetdirentries
getdtsz-gettablesizer0__gettablesizergettablesizer
getpagesize-getpagesizer0__getpagesizergetpagesizer
killpg-killpg2killpg
-sigblock-sigblock1__sigblocksigtblock
+revoke-revoke1revoke
+setlogin-setlogin2setlogin
+sigaltstack-sigaltstack2__sigaltstacksigtstack
-sigpause-sigpause1__sigpausesigpause
-sigsetmask-sigsetmask1__sigsetmaskssigtstack
-sigstack-sigstack2sigstack
-sigvec-sigvec3__sigvecssigtvec
-wait3-wait33__wait3wait3
-waitpid-waitpid
+wait4-wait4

diff --git a/sysdeps/unix/bsd/bsd4.4/tcdrain.c b/sysdeps/unix/bsd/tcdrain.c
rename from sysdeps/unix/bsd/bsd4.4/tcdrain.c
rename to sysdeps/unix/bsd/tcdrain.c
diff --git a/sysdeps/unix/bsd/bsd4.4/tcgetattr.c b/sysdeps/unix/bsd/tcgetattr.c
rename from sysdeps/unix/bsd/bsd4.4/tcgetattr.c
rename to sysdeps/unix/bsd/tcgetattr.c
diff --git a/sysdeps/unix/bsd/bsd4.4/tcsetattr.c b/sysdeps/unix/bsd/tcsetattr.c
rename from sysdeps/unix/bsd/bsd4.4/tcsetattr.c
rename to sysdeps/unix/bsd/tcsetattr.c
diff --git a/sysdeps/unix/bsd/bsd4.4/wait.c b/sysdeps/unix/bsd/wait.c
rename from sysdeps/unix/bsd/bsd4.4/wait.c
rename to sysdeps/unix/bsd/wait.c
diff --git a/sysdeps/unix/bsd/bsd4.4/wait3.c b/sysdeps/unix/bsd/wait3.c
rename from sysdeps/unix/bsd/bsd4.4/wait3.c
rename to sysdeps/unix/bsd/wait3.c
diff --git a/sysdeps/unix/bsd/bsd4.4/waitpid.c b/sysdeps/unix/bsd/waitpid.c
rename from sysdeps/unix/bsd/bsd4.4/waitpid.c
rename to sysdeps/unix/bsd/waitpid.c
diff --git a/sysdeps/unix/sysv/linux/wait3.c b/sysdeps/unix/sysv/linux/wait3.c
index 0b3bdee771782b7b..2ff027f0e1d83eb2 100644
--- a/sysdeps/unix/sysv/linux/wait3.c
+++ b/sysdeps/unix/sysv/linux/wait3.c
@@ -1 +1 @@
-#include <sysdeps/unix/bsd/bsd4.4/wait3.c>
+﻿#include <sysdeps/unix/bsd/wait3.c>

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Version 2.1, February 1999

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

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

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

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*******************
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*******************

History of the software
=========================

Python was created in the early 1990s by Guido van Rossum at Stichting
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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
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+----------------+--------------+-----------+------------+-----------------+
| Release        | Derived from | Year      | Owner      | GPL compatible? |
+================+==============+===========+============+=================+
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 1.6  | 1.5.2  | 2000  | CNRI  | no   |
| +----------------+--------------+-----------+------------+-----------------+
| 2.0  | 1.6    | 2000   | BeOpen.com | no   |
| +----------------+--------------+-----------+------------+-----------------+
| 1.6.1  | 1.6  | 2001  | CNRI  | no   |
| +----------------+--------------+-----------+------------+-----------------+
| 2.1  | 2.0+1.6.1  | 2001  | PSF  | no   |
| +----------------+--------------+-----------+------------+-----------------+
| 2.0.1  | 2.0+1.6.1  | 2001  | PSF  | yes  |
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| 2.2  | 2.1.1  | 2001  | PSF  | yes  |
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| 2.1.2  | 2.1.1  | 2002  | PSF  | yes  |
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| 2.1.3  | 2.1.2  | 2002  | PSF  | yes  |
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Mersenne Twister

The :mod:`_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
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
-------

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

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MD5 message digest algorithm

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

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

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

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

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

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansii2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services
----------------------------

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UUencode and UUdecode functions
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls
--------------------------

The :mod:`xmlrpclib` module contains the following notice:

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----------

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----------
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strtod and dtoa

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-------

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zlib
----

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1.753 binutils 2.27-27.base.el7

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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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.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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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That's all there is to it!
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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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1.756 libguestfs 1.38.2-12.el7
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*)

(* This is the traditional virt-sparsify mode: We copy from a
* source disk to a destination disk.
*)

open Unix
open Printf
open Std_utils
open Tools_utils
open Common_gettext.Gettext
open Unix_utils
open.Utils
open Cmdline

module G = Guestfs

type tmp_place =
| Directory of string | Block_device of string | Prebuilt_file of string

let run indisk outdisk check_tmpdir compress convert
    format ignores machine_readable option tmp_param zeroes =

(* Once we have got past argument parsing and start to create
* temporary files (including the potentially massive overlay file), we
let do_sigint _ = exit 1 in
Sys.set_signal Sys.sigint (Sys.Signal_handle do_sigint);

(*) What should the output format be? If the user specified an
* input format, use that, else detect it from the source image.
*)
let output_format =
match convert with
| Some fmt -> fmt           (* user specified output conversion *)
| None ->
match format with
| Some fmt -> fmt    (* user specified input format, use that *)
| None ->
  (* Don't know, so we must autodetect. *)
match (open_guestfs ()#disk_format indisk  with
| "unknown"->
  error (f_"cannot detect input disk format; use the --format parameter")
| fmt -> fmt in

(* Compression is not supported by raw output (RHBZ#852194). *)
if output_format = "raw" && compress then
  error (f_"--compress cannot be used for raw output. Remove this option or use --convert qcow2.");

(*) Use TMPDIR or --tmp parameter? *)
let tmp_place =
match tmp_param with
| None -> Directory (Filename.get_temp_dir_name ()) (* $TMPDIR or /tmp *)
| Some dir when is_directory dir -> Directory dir
| Some dev when is_block_device dev -> Block_device dev
| Some file when String.is_prefix file "prebuilt:" ->
  let file = String.sub file 9 (String.length file - 9) in
  if not (Sys.file_exists file) then
    error (f_"--tmp prebuilt:file: %s: file does not exist") file;
  let g = open_guestfs () in
  if g#disk_format file <> "qcow2" then
    error (f_"--tmp prebuilt:file: %s: file format is not qcow2") file;
  if not (g#disk_has_backing_file file) then
    error (f_"--tmp prebuilt:file: %s: file does not have backing file")
    file;
    Prebuilt_file file
| Some path ->
  error (f_"--tmp parameter must point to a directory, block device or prebuilt file") in

(*) Check there is enough space in temporary directory. *)
let virtual_size = (open_guestfs ()#disk_virtual_size indisk in
debug "input disk virtual size is %Ld bytes (%s)"
  virtual_size (human_size virtual_size);

let print_warning () =
  let free_space = StatVFS.free_space (StatVFS.statvfs tmpdir) in
  let extra_needed = virtual_size -^ free_space in
  if extra_needed > 0L then (warning (f_"
There may not be enough free space on %s.
You may need to set TMPDIR to point to a directory with more free space.

Max needed: %s.  Free: %s.  May need another %s.

Note this is an overestimate.  If the guest disk is full of data
then not as much free space would be required.

You can ignore this warning or change it to a hard failure using the
--check-tmpdir=(ignore|continue|warn|fail) option.  See virt-sparsify(1).

%!
"
  tmpdir (human_size virtual_size)
  (human_size free_space) (human_size extra_needed);
  true
) else false
in

match check_tmpdir with
| `Ignore -> ()
| `Continue -> ignore (print_warning ())
| `Warn ->
  if print_warning () then (eprintf "Press RETURN to continue or ^C to quit.\n%!");
  ignore (read_line ())
); |
| `Fail ->
  if print_warning () then (eprintf "Exiting because --check-tmpdir=fail was set.\n%!");
  exit 2
); |

(* Create the temporary overlay file. *)
let overlaydisk =
  (match tmp_place with
   | Directory tmpdir ->
     message (f_"Create overlay file in %s to protect source disk") tmpdir
   | Block_device device ->
     message (f_"Create overlay device %s to protect source disk") device
   | Prebuilt_file file ->
     message (f_"Using prebuilt file %s as overlay") file);

(* Create 'tmp' with the indisk as the backing file. *)
let create tmp =
  let g = open_guestfs () in
  g#disk_create
  ~backingfile:indisk ~backingformat:format ~compat:"1.1"
  tmp "qcow2" Int64.minus_one
  in

  match tmp_place with
   | Directory temp_dir ->
     let tmp = Filename.temp_file ~temp_dir "sparsify" ".qcow2" in
     unlink_on_exit tmp;
     create tmp;
     tmp

   | Block_device device ->
     create device;
     device

   | Prebuilt_file file ->
     (* Don't create anything, use the prebuilt file as overlay. *)
     file in

     message (f_"Examine source disk");

(* Connect to libguestfs. *)
let g =
  let g = open_guestfs () in

  (* Note that the temporary overlay disk is always qcow2 format. *)
g#add_drive ~format:"qcow2" ~readonly:false ~cachemode:"unsafe" overlaydisk;

if not (quiet ()) then Progress.set_up_progress_bar ~machine_readable g;
g#launch ();

  g in

(* Decrypt the disks. *)
inspect_decrypt g;

(* Modify SIGINT handler (set first above) to cancel the handle. *)
let do_sigint _ =
  g#user_cancel ();
  exit 1
in
Sys.set_signal Sys.sigint (Sys.Signal_handle do_sigint);

(* Write zeroes for non-ignored filesystems that we are able to mount, *
 * and selected swap partitions. *)
let filesystems = g#list_filesystems () in
let btrfs_filesystems = List.filter (
  fun (fs, fstype) ->
    fstype = "btrfs"
) filesystems in
let btrfs_filesystems = List.map fst btrfs_filesystems in
let filesystems = List.map fst filesystems in
let filesystems = List.sort compare filesystems in

let is_ignored fs =
  let fs = g#canonical_device_name fs in
  List.exists (fun fs' -> fs = g#canonical_device_name fs') ignores in

let is_read_only_lv = is_read_only_lv g in

let is_readonly_btrfs_snapshot fs mp =
  try
    let is_btrfs = List.mem fs btrfs_filesystems in
    if is_btrfs then (try
      let vol_info = g#btrfs_subvolume_show mp in
      String.find (List.assoc "Flags" vol_info) "readonly" <> -1
      with G.Error _ -> false
    ) else false
  with Not_found -> false
in

let is_readonly_device mp =
  let statvfs = g#statvfs mp in
  let flags = statvfs.G.flag in
  (* 0x01 is ST_RDONLY in Linux' GNU libc. *)
  flags <> -1_L && (flags ~ 0x1_L) <> 0_L
in

List.iter (
fun fs ->
  if not (is_ignored fs) && not (is_read_only_lv fs) then (  
    if List.mem fs zeroes then (  
      message (f"Zeroing %s") fs;
      g#zero_device fs
    ) else (  
      let mounted =  
        try g#mount fs "/"; true
        with _ -> false in
      if mounted then (  
        if is_readonly_btrfs_snapshot fs "/" then (  
          info (f"Skipping %s, as it is a read-only btrfs snapshot.") fs;
        ) else if is_readonly_device "/" then (  
          info (f"Skipping %s, as it is a read-only device.") fs;
        ) else (  
          message (f"Fill free space in %s with zero") fs;
          g#zero_free_space "/"
        )
      ) else (  
        let is_linux_x86_swap =  
          (* Look for the signature for Linux swap on i386.  
          * Location depends on page size, so it definitely won't  
          * work on non-x86 architectures (eg. on PPC, page size is  
          * 64K). Also this avoids hibernated swap space: in those,  
          * the signature is moved to a different location.  
          *)
          try g#pread_device fs 10 4086L = "SWAPSPACE2"
          with _ -> false in
        if is_linux_x86_swap then (  
          message (f"Clearing Linux swap on %s") fs;
          (* Don't use mkswap. Just preserve the header containing  
          * the label, UUID and swap format version (libguestfs  
          * mkswap may differ from guest's own).  
          *)
          let header = g#pread_device fs 4096 0L in
          g#zero_device fs;
          if g#pwrite_device fs header 0L <> 4096 then
            error (f"pwrite: short write restoring swap partition header")
        )
      )
    )
  )
  g#umount_all ()
(* Fill unused space in volume groups. *)
let vgs = g#vgs () in
let vgs = Array.to_list vgs in
let vgs = List.sort compare vgs in
List.iter (
  fun vg ->
    if not (List.mem vg ignores) then (
      let lvname = String.random8 () in
      let lvdev = "/dev/" ^ vg ^ "/" ^ lvname in

      let created =
        try g#lvcreate_free lvname vg 100; true
        with _ -> false in

      if created then (;
        message (f_"Fill free space in volgroup %s with zero") vg;

        g#zero_device lvdev;
        g#sync ();
        g#lvremove lvdev
      )
    )

  ) vgs;

(* Don't need libguestfs now. *)
g#shutdown ();
g#close ();

(* Modify SIGINT handler (set first above) to just exit. *)
let do_sigint _ = exit 1 in
Sys.set_signal Sys.sigint (Sys.Signal_handle do_sigint);

(* Now run qemu-img convert which copies the overlay to the
* destination and automatically does sparsification. *)
message ("Copy to destination and make sparse");

let cmd =
  sprintf "qemu-img convert -f qcow2 -O %s%s%s%s %s %s" 
    (quote output_format)
    (if compress then " -c" else "")
    (match option with
     | None -> "" 
     | Some option -> " -o " ^ quote option) 
    (quote overlaydisk) (quote (qemu_input_filename outdisk)) in
if shell_command cmd <> 0 then
error (f_"external command failed: %s") cmd;

(* Finished. *)

message (f_"Sparsify operation completed with no errors.");
if not (quiet ()) then
    info (f_"Before deleting the old disk, carefully check that the target disk boots and works correctly.")

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fake
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(*)

(** This is the traditional virt-sparisfy mode: We copy from a
    source disk to a destination disk. *)

type tmp_place =
    Directory of string | Block_device of string | Prebuilt_file of string

val run : string -> string -> Cmdline.check_t -> bool -> string option -> string option -> string list -> bool -> string
        option -> string option -> string list -> unit
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39. [42]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
40. [43]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
41. [44]Derek Mulcahy <derek@toybox.demon.co.uk> and [45]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
42. [46]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
43. [47]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de>
monitoring/trap scripts, statistics file handling
44. [48]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
45. [49]Wilfredo S"nchez <wsanchez@apple.com> added support for
   NetInfo
46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of
   space on the stuff in the html/pic/ subdirectory
48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
49. [53]Michael Shields <shields@tembel.org> USNO clock driver
50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock
   driver
51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure
   makeover, various other bits (see the ChangeLog)
52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast
   support
54. [58]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock
   driver
55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
   TrueTime clock driver
56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and
   validated HTML documents according to the HTML DTD

References

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<one line to give the program's name and a brief idea of what it does.>
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Version 3, 29 June 2007

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import java.lang.annotation.Retention;
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/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 *
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 *
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */
String url() default "";

}
1.764 lldb 1.2.840

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/* lib/font/fontfile/gunzip.c
   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
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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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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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that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
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during execution displays copyright notices, you must include the
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directing the user to the copy of this License. Also, you must do one
of these things:

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

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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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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(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.

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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 we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide
complete object files to the recipients so that they can relink them
with the library, after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright
the library, and (2) offer you this license which gives you legal
permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain
that everyone understands that there is no warranty for this free
library. If the library is modified by someone else and passed on, we
want its recipients to know that what they have is not the original
version, so that any problems introduced by others will not reflect on
the original authors' reputations.

Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that companies distributing free
software will individually obtain patent licenses, thus in effect
transforming the program into proprietary software. To prevent this,
we have made it clear that any patent must be licensed for everyone's
free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary
GNU General Public License, which was designed for utility programs. This
license, the GNU Library General Public License, applies to certain
designated libraries. This license is quite different from the ordinary
one; be sure to read it in full, and don't assume that anything in it is
the same as in the ordinary license.

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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0. This License Agreement applies to any software library which
contains a notice placed by the copyright holder or other authorized
party saying it may be distributed under the terms of this Library
General Public License (also called "this License"). Each licensee is
addressed as "you".

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.

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.
1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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.

3. You may opt to apply the terms of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
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through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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You should have received a copy of the GNU Library General Public License along with this library; 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.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.
Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the
earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work’s System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

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Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article
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When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work’s users, your or third parties' legal rights to forbid circumvention of technological measures.


You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display
Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources.jar/org/springframework/boot/autoconfigure/data/rest/RepositoryRestMvcAutoConfiguration.java

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* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources-jar/org/springframework/boot/autoconfigure/rsocket/RSocketServerAutoConfiguration.java
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* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources-jar/org/springframework/boot/autoconfigure/condition/OnBeanCondition.java
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* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources-jar/org/springframework/boot/autoconfigure/jms/artemis/ArtemisConfigurationCustomizer.java
* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources-jar/org/springframework/boot/autoconfigure/jms/artemis/ArtemisConnectionFactoryConfiguration.java
* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources-jar/org/springframework/boot/autoconfigure/groovy/template/GroovyTemplateAutoConfiguration.java
* /opt/ws_local/PERMITS_SQL/1070773845_1594734068.14/0/spring-boot-autoconfigure-2-2-7-release-sources-jar/org/springframework/boot/autoconfigure/diagnostics/analyzer/NoSuchBeanDefinitionFailureAnalyzer.java

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

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Theodore Ts'o
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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"
@mkdir -p pic

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

image:$(BSDLIB_LIB)

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

install-shlibs install:: $(BSDLIB_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 $(BSDLIB_LIB)
$(RM) -f ../$(BSDLIB_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 <typs@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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1.802 ecj 22
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 */

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 */

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources.jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.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>
* </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>
* */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
jar/org/hibernate-validator/constraints/ParameterScriptAssert.java
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jar/org/hibernate-validator/internal/engine/messageinterpolation/parser/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/META-INF/validation-mapping-1.0.xsd
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate-validator/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate-validator/internal/util/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate.validator.internal/metadata/raw/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate.validator.internal/metadata/descriptor/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
jar/org/hibernate/validator/INTERNAL/engine/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/spi/resourceLoading/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/resourceLoading/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/engine/resolver/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/resourceloading/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/cfg/context/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/group/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/INTERNAL/validation-configuration-1.0.xsd
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/messageInterpolation/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/engine/constraintValidation/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/metadata/provider/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/engine/path/package.html
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/metadata/facets/package.html

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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/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetadataProvider.java

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  jar/org/hibernate/validator/internal/metadata/raw/AbstractConstrainedElement.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/util/StringHelper.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/logging/Messages.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/util/CollectionHelper.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/cfg/context/ExecutableConstraintMappingContextImpl.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/metadata/aggregated/ValidatableParametersMetaData.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/cfg/context/CrossParameterConstraintMappingContext.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/metadata/raw/ConstrainedParameter.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/engine/valuehandling/package-info.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/constraintvalidators/hv/LengthValidator.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/engine/path/NodeImpl.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/HibernateValidatorFactory.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/cfg/defs/NotBlankDef.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/cfg/context/CrossParameterConstraintMappingContextImpl.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/spi/constraintdefinition/package-info.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/constraintvalidators/raw/ConstrainedField.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/util/privilegedactions/package-info.java
* /opt/ws_local/PERMITS_SQL/1080028307_1597558293.81/0/hibernate-validator-5-2-1-final-sources-
  jar/org/hibernate/validator/internal/util/privilegedactions/GetResolvedMemberMethods.java
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1.804 jetty 9.4.16.v20190411

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

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

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

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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

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

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

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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.

1.805 openjdk 1.8.0u191
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- doc/example/pcsc_demo.c
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5  7936 12799    4864 2.4M
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numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
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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.

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

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If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
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
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creates an executable that is a derivative of the Library (because it
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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
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Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
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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.

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1.811 flyway-core 5.0.7

1.812 libvirt 4.5.0
1.812.1 Available under license :

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  jar/org/apache/tomcat/util/http/fileupload/disk/DiskFileItem.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/http/fileupload/FileUploadBase.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/net/NioSelectorPool.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/http/parser/HttpParser.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/http/fileupload/RequestContext.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/coyote/http11/upgrade/UpgradeOutbound.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/modeler/modules/MbeansDescriptorsSerSource.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/http/fileupload/disk/package-info.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/threads/Constants.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/compat/JreVendor.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/CookieSupport.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/codec/binary/BaseNCodec.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/http/fileupload/ByteArrayOutputStream.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/threads/TaskQueue.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/util/http/FileItemIterator.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/ObjectCreationFactory.java
jar/org/apache/tomcat/util/modeler/Registry.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/modeler/BaseModelMBean.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/modeler/ManagedBean.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/RulesBase.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/NodesEventBroadcaster.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/NodeCreateRule.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/RuleFile.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/Rule.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/CallMethodRule.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/CallMethod.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/CallParamRule.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/digester/CallParam.java

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* 
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ConstantPool.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ConstantDouble.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ClassParser.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/Constant.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ConstantClass.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ConstantLong.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/SimpleElementValue.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ElementValuePair.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ConstantInteger.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/AnnotationElementValue.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/JavaClass.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ClassNotFoundException.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ArrayElementValue.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ConstantFloat.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/ClassElementType.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/Annotations.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/bcel/classfile/AnnotationEntry.java

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*/
/**
   * Callback to trigger Tomcat's proprietary HTTP upgrade process.
   */

Found in path(s):
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
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 */
/**
   * Listener to which data available events are passed once the associated
   * connection has completed the proprietary Tomcat HTTP upgrade process.
   *
   * @deprecated Will be removed in Tomcat 8.0.x.
   */

Found in path(s):
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/coyote/http11/AbstractHttp11Processor.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/http11/upgrade/servlet31/WebConnection.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/http11/upgrade/servlet31/HttpUpgradeHandler.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/threads/StopPooledThreadException.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/collections/ConcurrentCache.java
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// upgraded using Tomcat's proprietary HTTP upgrade mechanism.

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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
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// Tomcat 7 proprietary upgrade

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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/coyote/http11/Http11AprProtocol.java

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 */

// Servlet 3.1 based HTTP upgrade mechanism. NO-OPs for the proprietary

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  jar/org/apache/tomcat/util/bcel/classfile/ConstantUtf8.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/tomcat/jni/FileInfo.java
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  jar/org/apache/coyote/Processor.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-
  jar/org/apache/coyote/SocketAddr.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/jni/Error.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/AbstractProcessor.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/jni/Status.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/Adapter.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/net/AprEndpoint.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/jni/Poll.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/http11/Http11NioProcessor.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/buf/B2CConverter.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/net/jsse/JSSESupport.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/http/FastHttpDateFormat.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/ajp/AjpProtocol.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/coyote/ajp/AjpAprProtocol.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1-jar/org/apache/tomcat/util/log/CaptureLog.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/util/net/NioEndpoint.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/util/net/jsse/JSSEKeyManager.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/util/bcel/classfile/Utility.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/coyote/http11/filters/BufferedInputFilter.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/coyote/http11/filters/SavedRequestInputFilter.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/jni/Time.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/coyote/Constants.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/jni/Library.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/coyote/ContainerThreadMarker.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/coyote/http11/InternalInputBuffer.java
* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/coyote/http11/ChunkedOutputFilter.java
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* /opt/cola/permits/1137623719_1614109142.87/0/tomcat-coyote-7-0-76-sources-1.jar/org/apache/tomcat/util/net/Constants.java
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1.814 python 2.7.5-68.el7

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

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

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

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.. _history-and-license:

*******************
History and License
*******************

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.

+----------------+--------------+-----------+------------+-----------------+
| Release        | Derived from | Year      | Owner      | GPL compatible? |
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Mersenne Twister

The `mod:_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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Any feedback is very welcome.
http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

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

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

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being
The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

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

Asynchronous socket services
-----------------------------

The :mod:`asynchat` and :mod:`asyncore` modules contain the following notice::

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Cookie management
-------------------

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Execution tracing

--------------

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
  between ascii and binary. This results in a 1000-fold speedup. The C
  version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

---------------------------

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test_epoll
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strtod and dtoa
----------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and
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* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/config/annotation/ViewResolverRegistry.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyAdvice.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/tags/form/OptionsTag.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/support/RequestContext.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java
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* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/config/annotation/InterceptorRegistry.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/tags/form/AbstractSingleCheckedElementTag.java
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* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/view/ResourceBundleViewResolver.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1.jar/org/springframework/web/servlet/HandlerMapping.java
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* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/tiles3/TilesViewResolver.java
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Found in path(s):
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/WebJarsResourceResolver.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/SessionAttributeMethodArgumentResolver.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/i18n/CookieLocaleResolver.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ReactiveTypeHandler.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/PathResourceResolver.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/configuration/AbstractRequestCondition.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/RedirectView.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/config/AnnotationDrivenBeanDefinitionParser.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/SseEmitter.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/handler/AbstractHandlerMethodMapping.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ViewMethodReturnValueHandler.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/DeferredResultMethodReturnValueHandler.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/configuration/ProducesRequestCondition.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/ResourceUrlProviderExposingInterceptor.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ResponseEntityExceptionHandler.java
  * /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/ServletWrappingController.java
jar/org/springframework/web/servlet/mvc/method/annotation/HttpEntityMethodProcessor.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/EncodedResourceResolver.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMethodArgumentResolver.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ServletInvocableHandlerMethod.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/handler/HandlerExceptionResolverComposite.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfo.java

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Found in path(s):
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerViewResolver.java

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Found in path(s):
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/VersionStrategy.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdviceAdapter.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/resource/VersionPathStrategy.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/document/AbstractXlsxView.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/tags/HtmlEscapingAwareTag.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/document/AbstractXlsxStreamingView.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/mvc/annotation/ModelAndViewResolver.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupViewResolver.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/tags/ArgumentAware.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfig.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/view/document/AbstractXlsxStreamingView.java

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* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
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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.
 *
 * 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.
 *
 * View technologies that support this contract can obtain an instance to
 * delegate to via {@link RequestContext#getRequestDataValueProcessor()}
 *
 * @author Rossen Stoyanchev
 * @since 3.1
 */

Found in path(s):
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1-jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java

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Found in path(s):
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1- jar/org/springframework/web/servlet/tags/form/HiddenInputTag.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1- jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /opt/cola/permits/1137623979_1614109129.55/0/spring-webmvc-5-1-12-release-sources-1- jar/org/springframework/web/servlet/theme/ThemeChangeInterceptor.java

1.817 icu 57

1.817.1 Available under license:

```bash
## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
## Copyright (c) 1999-2009, International Business Machines Corporation and
## others. All Rights Reserved.

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

## End FreeBSD-specific setup

1.818 vim 7.4.629-6.el7
1.818.1 Available under license:
*uganda.txt*  For Vim version 7.4. Last change: 2013 Jul 06

VIM REFERENCE MANUAL  by Bram Moolenaar

*uganda* *Uganda* *copying* *copyright* *license*
SUMMARY
*iccf* *ICCF*

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see |kcc| below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

You can also sponsor the development of Vim. Vim sponsors can vote for features. See |sponsor|. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see |manual-copyright|.

=== begin of license ===

VIM LICENSE

I) There are no restrictions on distributing unmodified copies of Vim except that they must include this license text. You can also distribute unmodified parts of Vim, likewise unrestricted except that they must include this license text. You are also allowed to include executables that you made from the unmodified Vim sources, plus your own usage examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim, including executables and/or source code, when the following four conditions are met:
   1) This license text must be included unmodified.
   2) The modified Vim must be distributed in one of the following five ways:
      a) If you make changes to Vim yourself, you must clearly describe in the distribution how to contact you. When the maintainer asks you (in any way) for a copy of the modified Vim you distributed, you must make your changes, including source code, available to the maintainer without fee. The maintainer reserves the right to include your changes in the official version of Vim. What the maintainer will do with your changes and under what license they will be distributed is negotiable. If there has been no negotiation
then this license, or a later version, also applies to your changes.
The current maintainer is Bram Moolenaar <Bram@vim.org>. If this changes it will be announced in appropriate places (most likely vim.sf.net, www.vim.org and/or comp.editors). When it is completely impossible to contact the maintainer, the obligation to send him your changes ceases. Once the maintainer has confirmed that he has received your changes they will not have to be sent again.

b) If you have received a modified Vim that was distributed as mentioned under a) you are allowed to further distribute it unmodified, as mentioned at I). If you make additional changes the text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:

- The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.

3) A message must be added, at least in the output of the ":version" command and in the intro screen, such that the user of the modified Vim is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does not conflict with the license used for the changes.

4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

III) If you distribute a modified version of Vim, you are encouraged to use the Vim license for your changes and make them available to the maintainer, including the source code. The preferred way to do this is by e-mail or by uploading the files to a server and e-mailing the URL.
If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is <maintainer@vim.org>

IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

---------------------------------------------------------------------
Kibaale Children's Centre*Kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them
healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I’m raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small
organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
  Postbank, account 4548774
  Swift code: INGB NL 2A
  IBAN: NL95 INGB 0004 5487 74
  under the name "stichting ICCF Holland", Lisse
  If that doesn't work:
  Rabobank Lisse, account 3765.05.117
  Swift code: RABO NL 2U
  under the name "Bram Moolenaar", Lisse
  Otherwise, send a check in euro or US dollars to the address below. Minimal amount: $70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruethof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.
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// This file was generated by gir (https://github.com/gtk-rs/gir)
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use gio_sys;
use glib;
use glib::object::Cast;
use glib::object::IsA;
use glib::signal::connect_raw;
use glib::signal::SignalHandlerId;
use glib::translate::*;
use glib_sys;
use gobject_sys;
use std::boxed::Box as Box_;
use std::fmt;
use std::mem::transmute;
use std::pin::Pin;
use std::ptr;
use Cancellable;

glib_wrapper! {  
    pub struct Permission(Object<gio_sys::GPermission, gio_sys::GPermissionClass, PermissionClass>);

    match fn {
        get_type => || gio_sys::g_permission_get_type(),
    }
}

pub const NONE_PERMISSION: Option<&Permission> = None;

pub trait PermissionExt: 'static { 
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

    fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        Q, 
    ) -> Result<(), glib::Error>;
}
fn acquire_async_future(
    &self,
) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

fn get_allowed(&self) -> bool;

fn get_can_acquire(&self) -> bool;

fn get_can_release(&self) -> bool;

fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool);

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
);

fn release_async_future(
    &self,
) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

impl<O: IsA<Permission>> PermissionExt for O {
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
        unsafe {
            let mut error = ptr::null_mut();
            let _ = gio_sys::g_permission_acquire(
                self.as_ref().to_glib_none().0,
                cancellable.map(|p| p.as_ref()).to_glib_none().0,
                &mut error,
            );
            if error.is_null() {
                Ok(())
            } else {
                Err(from_glib_full(error))
            }
        }
    }
}
fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
) {
    let user_data: Box_<Q> = Box_::new(callback);
    unsafe extern "C" fn acquire_async_trampoline<
        Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
    
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio::sys::GAsyncResult,
        user_data: glib::sys::gpointer,
    
    |) {
        let mut error = ptr::null_mut();
        let _ = gio::sys::g_permission_acquire_finish(_source_object as *mut _, res, &mut error);
        let result = if error.is_null() {
            Ok::<Q>(())
        } else {
            Err(from_glib_full(error))
        };
        let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
        callback(result);
    } let callback = acquire_async_trampoline::<Q>;
    unsafe {
        gio::sys::g_permission_acquire_async(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            Some(callback),
            Box_::into_raw(user_data as *mut _),
        );
    }
}

fn acquire_async_future(
    &self,
) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>> { (Box_::pin(crate::GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        obj.acquire_async(Some(&cancellable), move |res| {
            send.resolve(res);
        });
        cancellable
    })))
}
fn get_allowed(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_allowed(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn get_can_acquire(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_acquire(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn get_can_release(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_release(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool) {
    unsafe {
        gio_sys::g_permission_impl_update(
            self.as_ref().to_glib_none().0,
            allowed.to_glib(),
            can_acquire.to_glib(),
            can_release.to_glib(),
        );
    }
}

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
    unsafe {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            &mut error,
        );
        if error.is_null() {
            Ok(())
        } else {
            Err(())
        }
    }
}
fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
) {
    let user_data: Box_<Q> = Box_::new(callback);
    unsafe extern "C" fn release_async_trampoline_<
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio_sys::GAsyncResult,
        user_data: glib_sys::gpointer,
    >(
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio_sys::GAsyncResult,
        user_data: glib_sys::gpointer,
    ) { 
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release_finish(_source_object as *mut _, res, &mut error);
        let result = if error.is_null() { Ok(())
            } else { Err(from_glib_full(error))
            };
        let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
        callback(result);
    }
    let callback = release_async_trampoline::<Q>;
    unsafe {
        gio_sys::g_permission_release_async(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            Some(callback),
            Box_::into_raw(user_data as *mut _,
        );
    }
}

fn release_async_future( &self,
) -> Pin<Box_<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>> { 
    Box_::pin(crate::GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        obj.release_async(Some(&cancellable), move |res| {
            send.resolve(res);
        });
    }});
fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_allowed_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::allowed\0".as_ptr() as *const _,
            Some(transmute(notify_allowed_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }
}

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_acquire_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::can-acquire\0".as_ptr() as *const _,
            Some(transmute(notify_can_acquire_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }
}
fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_release_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
unsafe {
    let f: Box<_F> = Box::new(f);
    connect_raw(
        self.as_ptr() as *mut _,
        b"notify::can-release\0".as_ptr() as *const _,
        Some(transmute(notify_can_release_trampoline::<Self, F> as usize)),
        Box_::into_raw(f),
    )
}
}

impl fmt::Display for Permission {
    fn fmt(&self, f: &mut fmt::Formatter) -> fmt::Result {
        write!(f, "Permission")
    }
}

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glennrp at users.sourceforge.net
June 26, 2010

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1.830 jackson-dataformat-yaml 2.10.3

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1.832 libgcrypt 1.5.3

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1.843 jersey-media-jaxb 2.29.1

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  jar/com/amazonaws/services/ec2/util/S3UploadPolicy.java

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/**
 * <p>
 * Describes the ID format settings for your resources on a per-region basis, for example, to view which resource
 * types are enabled for longer IDs. This request only returns information about resource types whose ID formats
 * can
 * be modified; it does not return information about other resource types.
 * </p>
 * 
 * <p>
 * The following resource types support longer IDs: <code>instance</code> | <code>reservation</code> | <code>snapshot</code> | <code>volume</code>.
 * </p>
 * 
 * <p>
 * These settings apply to the IAM user who makes the request; they do not apply to the entire AWS account. By
 * default, an IAM user defaults to the same settings as the root user, unless they explicitly override the settings
 * by running the <a>ModifyIdFormat</a> command. Resources created with longer IDs are visible to all IAM
 * users,
 * regardless of these settings and provided that they have permission to use the relevant <code>Describe</code>
 * command for the resource type.
 * </p>
 * 
 * @param describeIdFormatRequest
Contains the parameters for DescribeIdFormat.

@return Result of the DescribeIdFormat operation returned by the service.

@sample AmazonEC2.DescribeIdFormat

@see <a href="http://docs.aws.amazon.com/goto/WebAPI/ec2-2016-11-15/DescribeIdFormat" target="_top">AWS API Documentation</a>

AWS API

Documentation</a>

*/
/**

Modifies the ID format for the specified resource on a per-region basis. You can specify that resources should receive longer IDs (17-character IDs) when they are created. The following resource types support longer IDs:

<code>instance</code> | <code>reservation</code> | <code>snapshot</code> | <code>volume</code>.

This setting applies to the IAM user who makes the request; it does not apply to the entire AWS account. By default, an IAM user defaults to the same settings as the root user. If you're using this action as the root user, then these settings apply to the entire account, unless an IAM user explicitly overrides these settings for themselves. For more information, see <a href="http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/resource-ids.html">Resource IDs</a> in the Amazon Elastic Compute Cloud User Guide.

Resources created with longer IDs are visible to all IAM roles and users, regardless of these settings and provided that they have permission to use the relevant <code>Describe</code> command for the resource type.

@param modifyIdFormatRequest

Contains the parameters of ModifyIdFormat.

@return Result of the ModifyIdFormat operation returned by the service.

@sample AmazonEC2.ModifyIdFormat

@see <a href="http://docs.aws.amazon.com/goto/WebAPI/ec2-2016-11-15/ModifyIdFormat" target="_top">AWS API Documentation</a>

AWS API

Documentation</a>

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 */
Describes the ID format settings for your resources on a per-region basis, for example, to view which resource
types are enabled for longer IDs. This request only returns information about resource types whose ID formats
can be modified; it does not return information about other resource types.

The following resource types support longer IDs: <code>instance</code> | <code>reservation</code> | <code>snapshot</code> | <code>volume</code>.

These settings apply to the IAM user who makes the request; they do not apply to the entire AWS account. By
default, an IAM user defaults to the same settings as the root user, unless they explicitly override the settings
by running the <a>ModifyIdFormat</a> command. Resources created with longer IDs are visible to all IAM
users,
regardless of these settings and provided that they have permission to use the relevant <code>Describe</code>
* command for the resource type.
* </p>
* 
* @param describeIdFormatRequest
* Contains the parameters for DescribeIdFormat.
* @return A Java Future containing the result of the DescribeIdFormat operation returned by the service.
* @sample AmazonEC2Async.DescribeIdFormat
* @see <a href="http://docs.aws.amazon.com/goto/WebAPI/ec2-2016-11-15/DescribeIdFormat" target="_top">AWS API</a>
* 
* <p>
* Modifies the ID format for the specified resource on a per-region basis. You can specify that resources should
* receive longer IDs (17-character IDs) when they are created. The following resource types support longer IDs:
* <code>instance</code> | <code>reservation</code> | <code>snapshot</code> | <code>volume</code>.
* </p>
* <p>
* This setting applies to the IAM user who makes the request; it does not apply to the entire AWS account. By
* default, an IAM user defaults to the same settings as the root user. If you're using this action as the root
* user, then these settings apply to the entire account, unless an IAM user explicitly overrides these settings for
* themselves. For more information, see <a href="http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/resource-ids.html">Resource IDs</a> in the
* <p>
* </p>
* <p>
* Resources created with longer IDs are visible to all IAM roles and users, regardless of these settings and
* provided that they have permission to use the relevant <code>Describe</code> command for the resource type.
* </p>
* 
* @param modifyIdFormatRequest
* Contains the parameters of ModifyIdFormat.
* @return A Java Future containing the result of the ModifyIdFormat operation returned by the service.
* @sample AmazonEC2Async.ModifyIdFormat
* @see <a href="http://docs.aws.amazon.com/goto/WebAPI/ec2-2016-11-15/ModifyIdFormat" target="_top">AWS API</a>
* 
* Documentation</p>
*/
*/
/**
* */

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 * jar/javassist/CfClassType.java
 * /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
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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.

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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.

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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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If distribution of object code is made by offering access to copy
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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
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Whether this is true is especially significant if the work can be
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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,
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1.859 diffutils 3.3 4.el7.centos

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* /opt/cola/permits/1137623225_1614109455.62/0/spring-boot-autoconfigure-2-1-11-release-sources-2-jar/org/springframework/boot/autoconfigure/condition/AllNestedConditions.java
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* /opt/cola/permits/1137623225_1614109455.62/0/spring-boot-autoconfigure-2-1-11-release-sources-2.jar/org/springframework/boot/autoconfigure/kafka/KafkaStreamsAnnotationDrivenConfiguration.java
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* /opt/cola/permits/1137623225_1614109455.62/0/spring-boot-autoconfigure-2.1.11-release-sources-2.jar/org/springframework/boot/autoconfigure/condition/ConditionOutcome.java
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jar/org/springframework/boot/autoconfigure/groovy/template/package-info.java
* /opt/cola/permits/1137623225_1614109455.62/0/spring-boot-autoconfigure-2-1-11-release-sources-2-jar/org/springframework/boot/autoconfigure/validation/PrimaryDefaultValidatorPostProcessor.java
1.864 libogg 1.3.0 7.el7

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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom3/as/ASObjectList.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom3/as/DOMASWriter.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom3/as/ASDataType.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObject.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASContentModel.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMImplementationAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/NodeEditAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ElementEditAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASException.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASBuilder.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java

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  */

Found in path(s):
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMImplementationListImpl.jav

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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom/DeferredDocumentTypeImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/xs/XSException.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/wml/dom/WMLInputElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/wml/dom/WMLFieldsetElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/dv/xs/FullDVFactory.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xs/models/XSCMLeaf.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/XMLSchemaImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/XMLNamespaceBinder.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/xs/XSObjectList.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLLegendElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom/DeferredCommentImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom/XSObjectList.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xs/FullDVFactory.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom/DeferredEntityImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/wml/dom/WMLRefreshElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xml/serialize/DOMSerializer.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/MixedContentModel.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParseException.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDContentModelSource.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableCellElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIDOMImplementationImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/SoftReferenceGrammarPool.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/SchemaValidatorConfiguration.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/XSFacets.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptionElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/DocumentBuilderFactoryImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/XML11Serializer.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/AttributesProxy.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLStrongElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMOutputImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/PSVIDOMImplementationImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/PSVIPProvider.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/datatype/SerializedXMLGregorianCalendar.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/datatype/XMLGregorianCalendarImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMLLeaf.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSElementDecl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/SchemaDVFactory.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/parsers/SAXParser.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/TextImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/FilePathToURI.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/NOTATIONDatatypeValidator.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLSmallElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/SecuritySupport.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLUElement.java
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jar/org/apache/xerces/impl/xx/opi/SchemaParsingConfig.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/util/XMLAttributesImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dtd/BalancedDTGrammar.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom/ElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xml/serialize/Encodings.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/identity/Field.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/xs/XSConstants.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
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jar/org/apache/xerces/dom/DeferredTextImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/parsers/XMLParser.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/dtd/models/CMBinOp.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/xs/datatypes/ByteList.java

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*/
/**
 * Checks if this content model has had its min/maxOccurs values reduced for
 * purposes of speeding up UPA. If so, this content model should not be used
 * for any purpose other than checking unique particle attribution
 *
 * @return a boolean that says whether this content has been compacted for UPA
 */

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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/models/XSCMValidator.java

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DOM Level 3 LS CR - Experimental.

Create a new `<code>LSParser</code>`. The newly constructed parser may then be configured by means of its `<code>DOMConfiguration</code>` object, and used to parse documents by means of its `<code>parse</code>` method.

@param mode The `<code>mode</code>` argument is either
- `<code>MODE_SYNCHRONOUS</code>` or `<code>MODE_ASYNCHRONOUS</code>`, if `<code>mode</code>` is `<code>MODE_SYNCHRONOUS</code>` then the `<code>LSParser</code>` that is created will operate in synchronous mode, if it's `<code>MODE_ASYNCHRONOUS</code>` then the `<code>LSParser</code>` that is created will operate in asynchronous mode.

@param schemaType An absolute URI representing the type of the schema language used during the load of a `<code>Document</code>` using the newly created `<code>LSParser</code>`. Note that no lexical checking is done on the absolute URI. In order to create a `<code>LSParser</code>` for any kind of schema types (i.e. the `<code>LSParser</code>` will be free to use any schema found), use the value `<code>null</code>`.


For XML DTD [a href='http://www.w3.org/TR/2000/REC-xml-20001006/']XML 1.0</a>], applications must use the value `<code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages are outside the scope of the W3C and therefore should recommend an absolute URI in order to use this method.

@return The newly created `<code>LSParser</code>` object. This `<code>LSParser</code>` is either synchronous or asynchronous depending on the value of the `<code>mode</code>` argument.

<p><b>Note:</b> By default, the newly created `<code>LSParser</code>` does not contain a `<code>DOMErrorHandler</code>`, i.e. the value of the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler'">error-handler</a>" configuration parameter is `<code>null</code>`. However, implementations may provide a default error handler at creation time. In that case, the initial value of the `<code>error-handler</code>` configuration parameter on the new created `<code>LSParser</code>` contains a reference to the default error handler.

@exception DOMException
* NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
* not supported.
*/

Found in path(s):
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java

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Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

} Subject: ksh scripts
} From odin.ins.cwru.edu!chet Tue May 9 10:39:51 1995
} Received: from odin.INS.CWRU.Edu by deepthought.armory.com id aa22336;
} 9 May 95 10:39 PDT
} Received: (chet@localhost) by odin.INS.CWRU.Edu (8.6.10+cwru/CWRU-2.1-ins)
} id NAA20487; Tue, 9 May 1995 13:39:24 -0400 (from chet)
} Date: Tue, 9 May 1995 13:36:54 -0400
} From: Chet Ramey <chet@odin.ins.cwru.edu>
} To: john@armory.com
} Subject: ksh scripts
} Cc: chet@odin.ins.cwru.edu
} Reply-To: chet@po.cwru.edu
} Message-ID: <9505091736.AA20411.SM@odin.INS.CWRU.Edu>
} Read-Receipt-To: chet@po.CWRU.Edu
} MIME-Version: 1.0

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Hi. I'm the maintainer of bash (the GNU 'Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

--
``The lyf so short, the craft so long to lerne.''' - Chaucer

Chet Ramey, Case Western Reserve University
Internet: chet@po.CWRU.Edu

From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251519.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on the FSF machines (naughty, I know), and I was wondering if you'd let me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in ~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

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1.875 libsndfile 1.0.25

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/EmptyXMLSchema.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XMLSchemaFactory.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/ValidatorHandlerImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XMLSchema.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XMLSchemaValidatorComponentManager.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/DOMResultAugmentor.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XMLSchemaValidatorComponentManager.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XMLSchemaValidatorComponentManager.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/DOMResultAugmentor.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/AttributesProxy.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/JAXPValidatorComponent.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/JAXPValidationMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/DOMDocumentHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/DatatypeMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerErrorHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDecimal.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/SchemaContentHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDecimal.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerHandler.java
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jar/org/apache/xerces/impl/xs/SchemaGrammar.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/traversers/XSDAbstractTraverser.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/XMLGrammarCachingConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/dv/ObjectFactory.java
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*/
/**
* used to check the 3 constraints against each complex type
* (should be each model group):
* Unique Particle Attribution, Particle Derivation (Restriction),
* Element Declarations Consistent.
*/

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLNamespaceBinder.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/XInclude11TextReader.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/XIncludeHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/XIncludeMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/grammars/XMLDTDDescription.java
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  jar/org/apache/xerces/impl/dv/SecuritySupport.java
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  jar/org/apache/xerces/dom/SecuritySupport.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/xni/grammars/XSGrammar.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/xs/IntegerDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/util/NSItemListImpl.java
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  jar/org/apache/xerces3/as/CharacterDataEditAS.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces3/as/ASNamedObjectMap.java
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  jar/org/apache/xerces3/as/ASAttributeDeclaration.java
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  jar/org/apache/xerces3/as/ASObject.java
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  jar/org/apache/xerces3/as/DOMASWriter.java
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  jar/org/apache/xerces3/as/ASEntityDeclaration.java
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  jar/org/apache/xerces3/as/ASObjectList.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/SynchronizedSymbolTable.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/SchemaSymbols.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDDescription.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/UCSReader.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/XML11NamespaceBinder.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/XMLAttributes.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/DefaultValidationErrorHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/io/ASCIIRenderer.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/JAXPConstants.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/RevalidationHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DOMErrorImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/IDREFDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/XPathException.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/DefaultXMLDocumentHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/DefaultXMLErrorHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/XMLMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/XMLSchemaFactoryImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/XMLSchemaValidator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/XMLSchemaValidatorFactory.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/xsavers/XMLSchemaValidatorFactoryImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLSchemaValidator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLSchemaValidatorFactory.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLSchemaValidatorFactoryImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLSchemaValidatorFactoryImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XML11NSDTDValidator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/DocumentFragmentImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLDocumentFragmentScannerImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLErrorReporter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/XHTMLSerializer.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/XMLSerializer.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLErrorReporter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/HTMLSerializer.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/ParentNode.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/NamedNodeMapImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XML11Char.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/DTDGrammar.java
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* /opt/cola/permits/11245951_161197727.99/0/xercesimpl-2-8-0-sourcesjar/org/apache/xerces/impl/XMLDTSScannerImpl.java
* /opt/cola/permits/11245951_161197727.99/0/xercesimpl-2-8-0-sourcesjar/org/apache/xerces/dom/AttrNSImpl.java
* /opt/cola/permits/11245951_161197727.99/0/xercesimpl-2-8-0-sourcesjar/org/apache/xerces/impl/xs/XSGroupDecl.java

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* /opt/cola/permits/11245951_161197727.99/0/xercesimpl-2-8-0-sourcesjar/org/w3c/dom/html/HTMLDOMImplementation.java

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**DOM Level 3 LS CR - Experimental.**

Create a new `<code>LSParser</code>`. The newly constructed parser may then be configured by means of its `<code>DOMConfiguration</code>` object, and used to parse documents by means of its `<code>parse</code>` method.

- **@param mode** The `<code>mode</code>` argument is either `<code>MODE_SYNCHRONOUS</code>` or `<code>MODE_ASYNCHRONOUS</code>`, if `<code>mode</code>` is `<code>MODE_SYNCHRONOUS</code>` then the `<code>LSParser</code>` that is created will operate in synchronous mode, if it's `<code>MODE_ASYNCHRONOUS</code>` then the `<code>LSParser</code>` that is created will operate in asynchronous mode.

- **@param schemaType** An absolute URI representing the type of the schema language used during the load of a `<code>Document</code>` using the newly created `<code>LSParser</code>`. Note that no lexical checking is done on the absolute URI. In order to create a `<code>LSParser</code>` for any kind of schema types (i.e. the `<code>LSParser</code>` will be free to use any schema found), use the value `<code>null</code>`.


- For XML DTD [a href='http://www.w3.org/TR/2000/REC-xml-20001006/']XML 1.0[/a]

- `<p>Note:</p>` Other Schema languages are outside the scope of the W3C and therefore should recommend an absolute URI in order to use this method.

- **return** The newly created `<code>LSParser</code>` object. This `<code>LSParser</code>` is either synchronous or asynchronous depending on the value of the `<code>mode</code>` argument.

- `<p>Note:</p>` By default, the newly created `<code>LSParser</code>` does not contain a `<code>DOMErrorHandler</code>`, i.e. the value of the "[a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-
* error-handler</a>" configuration parameter is <code>null</code>. However, implementations
* may provide a default error handler at creation time. In that case,
* the initial value of the <code>"error-handler"</code> configuration
* parameter on the new created <code>LSParser</code> contains a
* reference to the default error handler.
* @exception DOMException
*   NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
*   not supported.
*/

Found in path(s):
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java
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  jar/org/apache/xerces/impl/xs/models/XSCMValidator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/opti/DefaultText.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/identity/IdentityConstraint.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/parsers/BasicParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/models/XSEmptyCM.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/opti/TextImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/PSVIElementNSImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/XML11DTDConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/XML11NonValidatingConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/util/EntityResolver2Wrapper.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/dv/xs/YearMonthDurationDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xs/datatypes/ObjectList.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xs/datatypes/YearMonthDurationDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xs/datatypes/DayTimeDurationDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xs/datatypes/ByteList.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xs/datatypes/DateTime.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/XML11NonValidatingConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/util/HTTPInputSource.java

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  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DayDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/TimeDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDV.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java

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  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSLoader.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSObject.java
  * /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/XSMultiValueFacet.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLVersionDetector.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/regex/ParserForXMLSchema.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLDocumentScannerImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLGrammarParser.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/RangeImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDValidator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLSchemaScannerImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XML11DTDScannerImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLEntityManager.java

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cos-nonambig = cos-nonambig: {0} and {1} (or elements from their substitution group) violate "Unique Particle Attribution". During validation against this schema, ambiguity would be created for those two particles.

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/DOMSerializerImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLStrongElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLEmElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLSelectElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLTrElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLDoElement.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLCardElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLBrElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLBigElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLOneventElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLUElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLPElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLAElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLTableElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLWmlElement.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/WMLNoopElement.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/util/SimpleLocator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/xs/XSDDescription.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/util/XMLResourceIdentifierImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/xs/FullDVFactory.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/dtd/ListDatatypeValidator.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/XML11Serializer.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMLeaf.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/CoreDocumentImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/ElementNSImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/models/CMStateSet.java

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  jar/org/apache/xerces/jaxp/SAXParserImpl.java
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  jar/org/apache/xerces/impl/xs/opti/SchemaDOM.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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jar/org/apache/xerces/parsers/AbstractDOMParser.java
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jar/org/apache/xerces/xx/XSAttributeGroupDefinition.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xx/XSAttributeDeclaration.java
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jar/org/apache/xerces/xx/XSElementDeclaration.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xx/XSModelGroupDefinition.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xx/XSAttributeUse.java
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jar/org/apache/xerces/xx/XXSDCDefinition.java
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jar/org/apache/xerces/xx/XSNotationDeclaration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xx/XSModelGroup.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/TreeWalkerImpl.java
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1.882 python-dateutil 1.5
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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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* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractService.java  
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 * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/thirdparty/publicsuffix/Punycode.java
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* /opt/cola/permits/1136113812_1613679412.19/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/ObjectArrays.java
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* /opt/cola/permits/1136113812_1613679412.19/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/AbstractBiMap.java
* /opt/cola/permits/1136113812_1613679412.19/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/HashMultimap.java
* /opt/cola/permits/1136113812_1613679412.19/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/MutableClassToInstanceMap.java
* /opt/cola/permits/1136113812_1613679412.19/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/MapConstraint.java
* /opt/cola/permits/1136113812_1613679412.19/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/Multimap.java
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/Interners.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/EnumMultiset.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/HashBiMap.java

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jar/jersey/repackaged/com/google/common/collection/ContiguousSet.java
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jar/jersey/repackaged/com/google/common/collection/ComputingConcurrentHashMap.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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jar/jersey/repackaged/com/google/common/collection/MapMakerInternalMap.java
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jar/jersey/repackaged/com/google/common/collection/Cut.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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jar/jersey/repackaged/com/google/common/collection/RegularImmutableTable.java
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collect/ImmutableMapValues.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/ImmutableEnumMap.java
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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

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

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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

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

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jar/com/sun/msv/datatype/xsd/datetime/DateTimeFactory.java
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jar/com/sun/msv/datatype/xsd/datetime/BigTimeDurationValueType.java
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jar/com/sun/msv/datatype/xsd/NonPositiveIntegerType.java
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jar/com/sun/msv/datatype/xsd/MinInclusiveFacet.java
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jar/com/sun/msv/datatype/xsd/SimpleURType.java
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* /opt/ws_local/PERMITS_SQL/1071190681_1594884146.63/0/spring-security-config-5-2-4-release-sources-
jar/org/springframework/security/config/http/HandlerMappingIntrospectorFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1071190681_1594884146.63/0/spring-security-config-5-2-4-release-sources-
jar/org/springframework/security/config/http/GrantedAuthorityDefaultsParserUtils.java
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* /opt/ws_local/PERMITS_SQL/1071190681_1594884146.63/0/spring-security-config-5-2-4-release-sources-
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* /opt/ws_local/PERMITS_SQL/1071190681_1594884146.63/0/spring-security-config-5-2-4-release-sources-jar/org/springframework/security/config/web/server/ServerHttpSecurity.java

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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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In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under
the scope of this License.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Ty Coon, President of Vice

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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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such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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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.

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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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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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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 machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under
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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 the executable.

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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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Local Variables:
ispell-local-pdict: "ispell-dict"
End:

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

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

That's all there is to it!

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Version 3, 29 June 2007

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1.934 httpcomponents-client 4.5.12

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1.939 jackson-xc 2.9.8
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The MariaDB packages were initially made by http://ourdelta.org/, and are now managed by the MariaDB development team, maria-developers@lists.launchpad.net

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1.946 jaxb-api 2.2.11

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

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

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

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The :mod:`_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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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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MD5 message digest algorithm
-------------------------------------

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

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

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

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

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

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansi2krr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services
----------------------------

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-----------------

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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--------------------------

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---------------

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
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that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

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A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

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.

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
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
 However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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

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

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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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.

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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.

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

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

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* /opt/ws_local/PERMITS_SQL/1068232274_1594324101.89/0/netty-buffer-4-1-49-final-sources-1-
  jar/io/netty/buffer/UnsafeHeapSwappedByteBuf.java

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.967 httpcomponents-client 4.5.3

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1.969 go-md2man 2.0.0-20190314233015-f79a8a8ca69d

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

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

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

typedef unsigned intmfdts_t;

#define POLLIN0x0001
#define POLLOUT0x0004
#define POLLERR0x0008
#define POLLHUP0x0010
#define POLLNVAL0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
#define INFTIM (-1) /* not standard */

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

/* $Id: bsd-waitpid.h,v 1.5 2003/08/29 16:59:52 mouring Exp $ */

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 */

#ifdef _BSD_WAITPID_H
#define _BSD_WAITPID_H

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

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#undef WIFSIGNALED

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

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

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

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 *
 */

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID

/* Clean out any potential issues */
#endif /* HAVE_WAITPID */

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

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

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp$ */

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

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef COMPAT_POLL_H_
#define COMPAT_POLL_H_

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

typedef unsigned int nfds_t;

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

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

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

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 */

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

diff -up openssh-7.4p1/sftp-server.8.sftp-force-mode openssh-7.4p1/sftp-server.8
--- openssh-7.4p1/sftp-server.8.sftp-force-mode 2016-12-19 05:59:41.000000000 +0100
+++ openssh-7.4p1/sftp-server.82017-02-09 10:35:41.926475399 +0100
@@ -38,6 +38,7 @@
   .Op Fl P Ar blacklisted_requests
   .Op Fl p Ar whitelisted_requests
   .Op Fl u Ar umask
+   .Op Fl m Ar force_file_perms
   .Ek
   .Nm
   .Fl Q Ar protocol_feature
@@ -138,6 +139,10 @@
   Sets an explicit umask 2
to be applied to newly-created files and directories, instead of the
user's default mask.
+   .It Fl m Ar force_file_perms
+Sets explicit file permissions to be applied to newly-created files instead
+of the default or client requested mode. Numeric values include:
+777, 755, 750, 666, 644, 640, etc. Option -u is ineffective if -m is set.
   .El
   .Pp
On some systems,
diff -up openssh-7.4p1/sftp-server.c.sftp-force-mode openssh-7.4p1/sftp-server.c
--- openssh-7.4p1/sftp-server.c.sftp-force-mode2017-02-09 10:22:36.498019921 +0100
+++ openssh-7.4p1/sftp-server.c2017-02-09 10:35:07.190520959 +0100
@@ -65,6 +65,10 @@ struct sshbuf *oqueue;
 /* Version of client */
 static u_int version;

+/* Force file permissions */
+int permforce = 0;
+long permforcemode;
+
+/* SSH2_FXP_INIT received */
 static int init_done;

@@ -679,6 +683,7 @@ process_open(u_int32_t id)
 Attrib a;
 char *name;
 int r, handle, fd, flags, mode, status = SSH2_FX_FAILURE;
+mode_t old_umask = 0;

 if ((r = sshbuf_get_cstring(iqueue, &name, NULL)) != 0 ||
   (r = sshbuf_get_u32(iqueue, &pflags)) != 0) /* portable flags */
@@ -688,6 +693,10 @@ process_open(u_int32_t id)
 debug3("request %u: open flags %d", id, pflags);
 flags = flags_from_portable(pflags);
 mode = (a.flags & SSH2_FILEXFER_ATTR_PERMISSIONS) ? a.perm : 0666;
+if (permforce == 1) { /* Force perm if -m is set */
+  mode = permforcemode;
+  old_umask = umask(0); /* so umask does not interfere */
+  }
 logit("open \"%s\" flags %s mode 0%o",
    name, string_from_portable(pflags), mode);
 if (readonly &&
@@ -1490,7 +1501,7 @@ sftp_server_usage(void)
 fprintf(stderr,
    "usage: %s [-ehR] [-d start_directory] [-f log_facility] 
    " [-l log_level] [-t [-P blacklisted_requests] ] 
-    "[-p whitelisted_requests] [-u umask]\n"
+    "[-p whitelisted_requests] [-u umask] [-m force_file_perms]\n"
"%s -Q protocol_feature
",
__progname, __progname);
exit(1);
@@ -1516,7 +1527,7 @@ sftp_server_main(int argc, char **argv,
pw = pwcopy(user_pw);

while (!skipargs && (ch = getopt(argc, argv,
+    "d:f:l:P:p:Q:u:m:cehR") != -1) {
switch (ch) {
case 'Q':
if (strcasecmp(optarg, "requests") != 0) {
@@ -1576,6 +1587,15 @@ sftp_server_main(int argc, char **argv,
fatal("Invalid umask "\"%s\"", optarg);
(void)umask((mode_t)mask);
break;
+case 'm':
+/* Force permissions on file received via sftp */
+permforce = 1;
+permforcemode = strtol(optarg, &cp, 8);
+if (permforcemode < 0 || permforcemode > 0777 ||
+    *cp != '\0' || (permforcemode == 0 &&
+    errno != 0))
+fatal("Invalid file mode "\"%s\"", optarg);
+break;
    case 'h':
    default:
sftp_server_usage();

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your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
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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
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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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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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[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.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

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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    <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>
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      <xsl:text>&#10;</xsl:text>
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cffe2bb5b6.

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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1.982 hk2-api 2.5.0

1.983 zjsonpatch 0.3.0
1.984 ion-java 1.0.2

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1.985 decorator 3.4.0
1.985.1 Available under license:

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# modification, are permitted provided that the following conditions are
try:
    from setuptools import setup
except ImportError:
    from distutils.core import setup
import os.path

def getversion(fname):
    """Get the __version__ reading the file: works both in Python 2.X and 3.X,
    whereas direct importing would break in Python 3.X with a syntax error""
    for line in open(fname):
        if line.startswith('__version__'):
            return eval(line[13:])
    raise NameError('Missing __version__ in decorator.py')

VERSION = getversion(os.path.join(os.path.dirname(__file__), 'src/decorator.py'))

if __name__ == '__main__':
    setup(name='decorator',
          version=VERSION,
          description='Better living through Python with decorators',
          long_description=open('README.txt').read(),
          author='Michele Simionato',
          author_email='michele.simionato@gmail.com',
          url='http://pypi.python.org/pypi/decorator',
          license='BSD License',
          package_dir = {'': 'src'},
          py_modules = ['decorator'],
          keywords="decorators generic utility",
          platforms=["All"],
          classifiers=["Development Status :: 5 - Production/Stable",
                      'Intended Audience :: Developers',
                      'License :: OSI Approved :: BSD License',
                      'Natural Language :: English',
                      'Operating System :: OS Independent',
                      'Programming Language :: Python',
                      'Programming Language :: Python :: 3',
                      'Topic :: Software Development :: Libraries',
                      'Topic :: Utilities",
          license_file=None,
          license_text=None)
use_2to3=True,
zip_safe=False)

Found in path(s):
* /opt/cola/permits/1154644470_1618870926.16/0/decorator-3-4-0-1-tar-gz/decorator-3.4.0/setup.py
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Decorator module
=================

:Author: Michele Simionato
:E-mail: michele.simionato@gmail.com
:Requires: Python 2.4+
:Download page: http://pypi.python.org/pypi/decorator
:Installation: `easy_install decorator`
:License: BSD license

Installation
------------

If you are lazy, just perform

$ easy_install decorator

which will install just the module on your system. Notice that
Python 3 requires the easy_install version of the distribute_ project.

If you prefer to install the full distribution from source, including
the documentation, download the tarball_, unpack it and run

$ python setup.py install

in the main directory, possibly as superuser.

.. _tarball: http://pypi.python.org/pypi/decorator
.. _distribute: http://packages.python.org/distribute/

Testing
--------

For Python 2.5, 2.6, 2.7 run

$ python documentation.py

for Python 3.X run

$ python documentation3.py
You will see a few innocuous errors with Python 2.5, because some inner details such as the introduction of the ArgSpec namedtuple and Thread.__repr__ changed. You may safely ignore them.

You cannot run the tests in Python 2.4, since there is a test using the with statement, but the decorator module is expected to work anyway (it has been used in production with Python 2.4 for years). My plan is to keep supporting all Python versions >= 2.4 in the core module, but I will keep the documentation and the tests updated only for the latest Python versions in both the 2.X and 3.X branches.

Finally, notice that you may run into trouble if in your system there is an older version of the decorator module; in such a case remove the old version.

Documentation
--------------

There are various versions of the documentation:

- `HTML version (Python 2)`_
- `PDF version (Python 2)`_

- `HTML version (Python 3)`_
- `PDF version (Python 3)`_


Repository
------------

The project is hosted on GoogleCode as a Mercurial repository. You can look at the source here:

http://code.google.com/p/micheles/source/browse/#hg%2Fdecorator

Found in path(s):
* /opt/cola/permits/1154644470_1618870926.16/0/decorator-3-4-0-1-tar-gz/decorator-3.4.0/README.txt
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Metadata-Version: 1.1
Name: decorator
Version: 3.4.0
Summary: Better living through Python with decorators
Installation
-------------

If you are lazy, just perform

$ easy_install decorator

which will install just the module on your system. Notice that Python 3 requires the easy_install version of the distribute_ project.

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Keywords: decorators generic utility
Platform: All
Classifier: Development Status :: 5 - Production/Stable
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Natural Language :: English
Classifier: Operating System :: OS Independent
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import static jdk.internal.org.objectweb.asm.Opcodes.ASM4;
import static jdk.internal.org.objectweb.asm.Opcodes.ASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.BALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.BASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.BIPUSH;
import static jdk.internal.org.objectweb.asm.Opcodes.CALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.CASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.CHECKCAST;
import static jdk.internal.org.objectweb.asm.Opcodes.DALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.DASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.DCONST_0;
import static jdk.internal.org.objectweb.asm.Opcodes.DRETURN;
import static jdk.internal.org.objectweb.asm.Opcodes.DUP;
import static jdk.internal.org.objectweb.asm.Opcodes.DUP2;
import static jdk.internal.org.objectweb.asm.Opcodes.FALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.FASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.FCONST_0;
import static jdk.internal.org.objectweb.asm.Opcodes.FRETURN;
import static jdk.internal.org.objectweb.asm.Opcodes.GETFIELD;
import static jdk.internal.org.objectweb.asm.Opcodes.GETSTATIC;
import static jdk.internal.org.objectweb.asm.Opcodes.H_INVOKESTATIC;
import static jdk.internal.org.objectweb.asm.Opcodes.IALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.IASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.ICONST_0;
import static jdk.internal.org.objectweb.asm.Opcodes.ICONST_1;
import static jdk.internal.org.objectweb.asm.Opcodes.ILOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.INVOKEINTERFACE;
import static jdk.internal.org.objectweb.asm.Opcodes.INVOKESPECIAL;
import static jdk.internal.org.objectweb.asm.Opcodes.INVOKESTATIC;
import static jdk.internal.org.objectweb.asm.Opcodes.INVOKEVIRTUAL;
import static jdk.internal.org.objectweb.asm.Opcodes.IRETURN;
import static jdk.internal.org.objectweb.asm.Opcodes.ISTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.LALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.LASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.LCONST_0;
import static jdk.internal.org.objectweb.asm.Opcodes.LRETURN;
import static jdk.internal.org.objectweb.asm.Opcodes.NEW;
import static jdk.internal.org.objectweb.asm.Opcodes.POP;
import static jdk.internal.org.objectweb.asm.Opcodes.PUTFIELD;
import static jdk.internal.org.objectweb.asm.Opcodes.PUTSTATIC;
import static jdk.internal.org.objectweb.asm.Opcodes.RETURN;
import static jdk.internal.org.objectweb.asm.Opcodes.SALOAD;
import static jdk.internal.org.objectweb.asm.Opcodes.SASTORE;
import static jdk.internal.org.objectweb.asm.Opcodes.SIPUSH;
import static jdk.internal.org.objectweb.asm.Opcodes.SWAP;
import static jdk.nashorn.internal.tools.nasgen.StringConstants.INIT;
import static jdk.nashorn.internal.tools.nasgen.StringConstants.SPECIALIZATION_INIT2;
import static jdk.nashorn.internal.tools.nasgen.StringConstants.SPECIALIZATION_INIT3;
import static jdk.nashorn.internal.tools.nasgen.StringConstants.SPECIALIZATION_TYPE;
import static jdk.nashorn.internal.tools.nasgen.StringConstants.TYPE_SPECIALIZATION;
import java.util.List;
import jdk.internal.org.objectweb.asm.Handle;
import jdk.internal.org.objectweb.asm.MethodVisitor;
import jdk.internal.org.objectweb.asm.Type;
import jdk.nashorn.internal.objects.annotations.SpecializedFunction.LinkLogic;

/**
 * Base class for all method generating classes.
 *
 */
public class MethodGenerator extends MethodVisitor {
    private final int access;
    private final String name;
    private final String descriptor;
    private final Type returnType;
    private final Type[] argumentTypes;

    static final Type EMPTY_LINK_LOGIC_TYPE = Type.getType(LinkLogic.getEmptyLinkLogicClass());

    MethodGenerator(final MethodVisitor mv, final int access, final String name, final String descriptor) {
        super(ASM4, mv);
        this.access = access;
        this.name = name;
        this.descriptor = descriptor;
        this.returnType = Type.getReturnType(descriptor);
        this.argumentTypes = Type.getArgumentTypes(descriptor);
    }

    int getAccess() {
        return access;
    }
}
final String getName() {
    return name;
}

final String getDescriptor() {
    return descriptor;
}

final Type getReturnType() {
    return returnType;
}

final Type[] getArgumentTypes() {
    return argumentTypes;
}

/**
 * Check whether access for this method is static
 * @return true if static
 */
protected final boolean isStatic() {
    return (getAccess() & ACC_STATIC) != 0;
}

/**
 * Check whether this method is a constructor
 * @return true if constructor
 */
protected final boolean isConstructor() {
    return "<init>".equals(name);
}

void newObject(final String type) {
    super.visitTypeInsn(NEW, type);
}

void newObjectArray(final String type) {
    super.visitTypeInsn(ANEWARRAY, type);
}

void loadThis() {
    if ((access & ACC_STATIC) != 0) {
        throw new IllegalStateException("no 'this' inside static method");
    }
    super.visitVarInsn(ALOAD, 0);
}

void returnValue() {

super.visitInsn(returnType.getOpcode(IRETURN));
}

void returnVoid() {
    super.visitInsn(RETURN);
}

// load, store
void arrayLoad(final Type type) {
    super.visitInsn(type.getOpcode(IALOAD));
}

void arrayLoad() {
    super.visitInsn(AALOAD);
}

void arrayStore(final Type type) {
    super.visitInsn(type.getOpcode(IASTORE));
}

void arrayStore() {
    super.visitInsn(AASTORE);
}

void loadLiteral(final Object value) {
    super.visitLdcInsn(value);
}

void classLiteral(final String className) {
    super.visitLdcInsn(className);
}

void loadLocal(final Type type, final int index) {
    super.visitVarInsn(type.getOpcode(ILOAD), index);
}

void loadLocal(final int index) {
    super.visitVarInsn(ALOAD, index);
}

void storeLocal(final Type type, final int index) {
    super.visitVarInsn(type.getOpcode(ISTORE), index);
}

void storeLocal(final int index) {
    super.visitVarInsn(ASTORE, index);
}
void checkcast(final String type) {
    super.visitTypeInsn(CHECKCAST, type);
}

// push constants/literals
void pushNull() {
    super.visitInsn(ACONST_NULL);
}

void push(final int value) {
    if (value >= -1 && value <= 5) {
        super.visitInsn(ICONST_0 + value);
    } else if (value >= Byte.MIN_VALUE && value <= Byte.MAX_VALUE) {
        super.visitIntInsn(BIPUSH, value);
    } else if (value >= Short.MIN_VALUE && value <= Short.MAX_VALUE) {
        super.visitIntInsn(SIPUSH, value);
    } else {
        super.visitLdcInsn(value);
    }
}

void loadClass(final String className) {
    super.visitLdcInsn(Type.getObjectType(className));
}

void pop() {
    super.visitInsn(POP);
}

// various "dups"
void dup() {
    super.visitInsn(DUP);
}

void dup2() {
    super.visitInsn(DUP2);
}

void swap() {
    super.visitInsn(SWAP);
}

void dupArrayValue(final int arrayOpcode) {
    switch (arrayOpcode) {
    case IALOAD: case FALOAD:
    case AALOAD: case BALOAD:
    case CALOAD: case SALOAD:
    case IASTORE: case FASTORE:
    }
```java
void dupReturnValue(final int returnOpcode) {
    switch (returnOpcode) {
        case IRETURN:
        case FRETURN:
        case ARETURN:
            super.visitInsn(DUP);
            return;
        case LRETURN:
        case DRETURN:
            super.visitInsn(DUP2);
            return;
        case RETURN:
            return;
        default:
            throw new IllegalArgumentException("not return");
    }
}

void dupValue(final String desc) {
    final int typeCode = desc.charAt(0);
    switch (typeCode) {
        case AASTORE:
        case BASTORE:
            dup();
            break;
        case CASTORE:
        case SASTORE:
            dup2();
            break;
        default:
            throw new AssertionError("invalid dup");
    }
}
```
case 'I':
case 'L':
case 'Z':
case 'C':
case 'B':
case 'S':
case 'T':
    super.visitInsn(DUP);
    break;
case 'J':
case 'D':
    super.visitInsn(DUP2);
    break;
default:
    throw new RuntimeException("invalid signature");
}
// push default value of given type desc
void defaultValue(final String desc) {
    final int typeCode = desc.charAt(0);
    switch (typeCode) {
    case '[':
    case 'L':
        super.visitInsn(ACONST_NULL);
        break;
    case 'Z':
    case 'C':
    case 'B':
    case 'S':
    case 'I':
        super.visitInsn(ICONST_0);
        break;
    case 'J':
        super.visitInsn(LCONST_0);
        break;
    case 'F':
        super.visitInsn(FCONST_0);
        break;
    case 'D':
        super.visitInsn(DCONST_0);
        break;
default:
    throw new AssertionError("invalid desc "+ desc);
    }
} // invokes, field get/sets
void invokeInterface(final String owner, final String method, final String desc) {
    super.visitMethodInsn(INVOKEINTERFACE, owner, method, desc, true);
}

void invokeVirtual(final String owner, final String method, final String desc) {
    super.visitMethodInsn(INVOKEVIRTUAL, owner, method, desc, false);
}

void invokeSpecial(final String owner, final String method, final String desc) {
    super.visitMethodInsn(INVOKESPECIAL, owner, method, desc, false);
}

void invokeStatic(final String owner, final String method, final String desc) {
    super.visitMethodInsn(INVOKESTATIC, owner, method, desc, false);
}

void putStatic(final String owner, final String field, final String desc) {
    super.visitFieldInsn(PUTSTATIC, owner, field, desc);
}

void getStatic(final String owner, final String field, final String desc) {
    super.visitFieldInsn(GETSTATIC, owner, field, desc);
}

void putField(final String owner, final String field, final String desc) {
    super.visitFieldInsn(PUTFIELD, owner, field, desc);
}

void getField(final String owner, final String field, final String desc) {
    super.visitFieldInsn(GETFIELD, owner, field, desc);
}

private static boolean linkLogicIsEmpty(final Type type) {
    assert EMPTY_LINK_LOGIC_TYPE != null; // type is ok for null if we are a @SpecializedFunction without any attribs
    return EMPTY_LINK_LOGIC_TYPE.equals(type);
}

void memberInfoArray(final String className, final List<MemberInfo> mis) {
    if (mis.isEmpty()) {
        pushNull();
        return;
    }

    int pos = 0;
    push(mis.size());
    newObjectArray(SPECIALIZATION_TYPE);
    for (final MemberInfo mi : mis) {
        
    }
}
dup();
push(pos++);
visitTypeInsn(NEW, SPECIALIZATION_TYPE);
dup();
visitLdInsn(new Handle(H_INVOKESTATIC, className, mi.getJavaName(), mi.getJavaDesc()));
final Type linkLogicClass = mi.getLinkLogicClass();
final boolean linkLogic = !linkLogicIsEmpty(linkLogicClass);
final String ctor = linkLogic ? SPECIALIZATION_INIT3 : SPECIALIZATION_INIT2;
if (linkLogic) {
    visitLdInsn(linkLogicClass);
}
visitInsn(mi.isOptimistic() ? ICONST_1 : ICONST_0);
visitMethodInsn(INVOKEVIRTUAL, SPECIALIZATION_TYPE, INIT, ctor, false);
arrayStore(TYPE_SPECIALIZATION);
}

void computeMaxs() {
    // These values are ignored as we create class writer
    // with ClassWriter.COMPUTE_MAXS flag.
    super.visitMaxs(Short.MAX_VALUE, Short.MAX_VALUE);
}

// debugging support - print calls
void println(final String msg) {
    super.visitFieldInsn(GETSTATIC, "java/lang/System",
        "out", "Ljava/io/PrintStream;");
    super.visitLdInsn(msg);
    super.visitMethodInsn(INVOKEVIRTUAL, "java/io/PrintStream",
        "println", "(Ljava/lang/String;)V", false);
}

// print the object on the top of the stack
void printObject() {
    super.visitFieldInsn(GETSTATIC, "java/lang/System",
        "out", "Ljava/io/PrintStream;");
    super.visitInsn(SWAP);
    super.visitMethodInsn(INVOKEVIRTUAL, "java/io/PrintStream",
        "println", "(Ljava/lang/Object;)V", false);
1.992 pygpgme 0.3-9.el7.centos

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1.993 nettle 2.7.1 8.el7

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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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* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-jar/org/objectweb/asm/util/CheckClassAdapter.java

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jar/org/objectweb/asm/util/ASMifierSupport.java
* /opt/cola/permits/1135892376_1613626859.73/0/asm-util-7-1-sources-2-
jar/org/objectweb/asm/util/Textifiable.java
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jar/org/objectweb/asm/util/ASMifiable.java
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1.999 bouncy-castle 1.64

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Thanks, may your castles never deflate!

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<li>Olaf Keller, &lt;olaf.keller.bc&#06404bluewin.ch&gt; - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.</li>
<li>J&ouml;rg Eichhorn &lt;eichhorn&#06404ponton-consulting.de&gt; - patch to fix EOF read on SharedFileInputStream, support for F2m compression.</li>
<li>Karsten Ohme &lt;widerstand&#06404t-online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.</li>
<li>Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.</li>
<li>Carlos Lozano Ruiz &lt;carlos&#064tradise.com&gt; - patch for &lt;ctrl&gt;&lt;m&gt; only handling in CRLFOutputStream.</li>
<li>John Alfred Prufrock &lt;j.a.prufrock&#064yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.</li>
<li>Pasi Eronen &lt;Pasi.Eronen&#064nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.</li>
EncryptedValueBuilder, additional functionality on PollReqContent. Bug fix for endianness issue in cSHAKE left encode method. 

- Maria Ivanova &lt;maria.ivanova#064gmail.com&gt; - support for tags > 30 in ASN.1 parsing. 

- Armin H&amp;auml;berling &lt;arminha#064student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes. 

- Marius Schilder &lt;mschilder#064google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack. 

- Xavier Le Vourch &lt;xavier#064brittanysoftware.com&gt; - general code clean ups. 

- Erik Tews &lt;e_tews#064cde.informatik.tu-darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding. 

- Thomas Dixon &lt;reikomusha#064gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements. 

- Frank Cornelis &lt;info#064frankcornelis.be&gt; - addition of crlAccessMethod in X509ObjectIdentifiers. 

- Rui Joaquim &lt;rjoaquim#064cc.isel.ipl.pt&gt; - initial implementation of RSA blinding for signatures. 

- David Stacey &lt;dStacey#064allantgroup.com&gt; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing. 

- Martijn Brinkers &lt;list#064mitm.nl&gt; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation. 

- Julius Davies &lt;juliusdavies#064gmail.com&gt; - additional modes and algorithm support in PEMReader. 

- Matthias &lt;g#064rtter.de&gt; - GnuPG compatibility changes for PBEFileProcessor. 

- Olga K&amp;auml;lthler &lt;olga.kaltheier#064hjp-consulting.com&gt; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing. 

- Germano Rizzo &lt;germano.rizzo#064gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20. 

- N&amp;uuml;aute Mar&amp;iacute; &lt;numaa#064hotmail.com&gt; - patch for alternate data type recognition in CMSSignedDataParser. 

- Janis Schuller &lt;js#064tzi.de&gt; - addition of NotationData packets for OpenPGP. 

- Michael Samblanet &lt;Mike#064samblanet.com&gt; - patches towards improved Sun/default provider support in CMS. 

- Mike StJohns &lt;mstjohns#064comcast.net&gt; - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId. 

- Ramon Keller &lt;ramon.keller#064gmx.ch&gt; - patch to deal with null revocations return from other CRL in X509V2CRLGenerator. 

- Mark Nelson &lt;mark#064nbr.com&gt; - correction to excluded DN in name constraints processing for PKIX processing. 

- Eugene Golushkov &lt;eugene_gff#064ukr.net&gt; - mask fix to single byte read in TlsInputStream. 

- Julien Pasquier &lt;JulienPasquier#064free.fr&gt; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries. 

- Peter Knopp &lt;pknopp#064mtg.de&gt; - fix for named curve recognition in ECGOST key generation. 

- Jakub Gwozdz &lt;gwozdziu#064rpg.pl&gt; - addition of getTsa() to TimeStampTokenInfo. 

- Bartosz Malkowski &lt;bmalkow#064bitkig.org&gt; - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac. 

- Tal Yacobi &lt;tal.yacobi#064octavian-tech.com&gt; - fix for issue in OpenPGP examples [#BJA-55]. 

- Massimiliano Ziccardi &lt;massimiliano.ziccardi#064gmail.com&gt; - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.
Andrey Pavlenko &lt;andrey.a.pavlenko&#064;gmail.com&gt; - security manager patch for PKCS1Encoding property check.

J Ross Nicoll &lt;jrn&#064;jrn.me.uk&gt; - improved exception handling for getInstance() in ASN.1 library.

Matthew Stevenson &lt;mavricknz&#064;064yahoo.com&gt; - patch to constructor for CRMF CertSequence.

Gabriele Contini &lt;gcontini&#064;064hotpop.com&gt; - identified a bug in ASN.1 library with handling of unterminated NDEF's.

Roelof Naude &lt;roelof.naude&#064;e piuse.com&gt; - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.

Patrick Peck &lt;peck&#064;064signature.at&gt; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

Michael LeMay &lt;lemaymd&#064;064lemaymd.com&gt; - identified problem with EAX [#BJA-93].

Alex Dupre &lt;ale&#064;064FreeBSD.org&gt; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102].

Michael Schoene &lt;michael&#064;064sigrid-und-michael.de&gt; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().

Ion Larrañaga &lt;ilarra&#064;s21sec.com&gt; - fix to default partial packet generation in BCPGOutputStream.

Bob Kerns &lt;bob.kerns&#064;positscience.com&gt; - fix to hashCode for X509CertificateObject.

Stefan Meyer &lt;stefan.meyer&#064;064ewe.de&gt; - backport for PKIXCertPathValidator and SMIMESignedMailReviewer.

Robert J. Moore &lt;Robert.J.Moore&#064;allanbank.com&gt; - speedups for OpenPGPCFB mode, clean room JCE patches.

Rui Hodai &lt;ruj&#064;064po.ntts.co.jp&gt; - speed ups for Camellia implementation, CamelliaLightEngine.

Emir Bucalovic &lt;emir.bucalovic&#064;064mail.com&gt; - initial implementation of Grain-v1 and Grain-128.

Torbjorn Svensson &lt;tobbe79&#064;064gmail.com&gt; - initial implementation of Grain-v1 and Grain-128.

Paul FitzPatrick &lt;bounceycastle_pfitz&#064;064fitzpatrick.cc&gt; - error message fix to X509LDAPCertificateStoreSpi, comparison fix to BCStrictStyle.

Henrik Andersson &lt;k.henrik.andersson&#064;064gmail.com&gt; - addition of UniqueIssuerID to certificate generation.

Cagdas Cirit &lt;cagdascirit&#064;064gmail.com&gt; - subjectAlternativeName fix for x509CertStoreSelector.

Harakiri &lt;harakiri_23&#064;064yahoo.com&gt; - datahandler patch for attached parts in SMIME signatures.

Pedro Henrique &lt;pmahenriques&#064;064gmail.com&gt; - explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.

Lothar Kimmeringer &lt;job&#064;kimmeringer.de&gt; - verbose mode for ASN1Dump, support for DERExternal, DNS performance fix for S/MIME API.

Richard Farr &lt;farr.se&#064;064gmail.com&gt; - initial SRP-6a implementation.

Thomas Castiglione &lt;castiglione&#064;064au.ibm.com&gt; - patch to encoding for CRMF OptionalValidity.

Elisabetta Romani &lt;eromani&#064;064sogei.it&gt; - patch for recognising multiple counter signatures.

Robin Lundgren &lt;r737lundgren&#064;064mail.com&gt; - CMPCertificate constructor from X509CertificateStructure fix.

Petr Kadlec &lt;mormegil&#064;centrum.cz&gt; - fix to sign extension key and IV problem in HC-128, HC-256.

Andreas Antener &lt;antener_a&#064;064gmx.ch&gt; - fix to buffer reset in AsymmetricBufferedBlockCipher.

Harendra Rawat &lt;hsrawat&#064;064yahoo.com&gt; - fix for BERConstructedOctetString.

Rolf Lindemann &lt;linemann&#064;064trustcenter.de&gt; - patch for PKCS12 key store to support more flexible
attribute specifications [#BMA-42].</li>
<li>Alex Artamonov &lt;alexart.home&#064gmail.com&gt; name look up patch for GOST-2001 parameters.</li>
<li>Mike Lyons &lt;mlyons&#064layer7tech.com&gt; work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
<li>Chris Cole &lt;chris_h Cole&#064yahoo.com&gt; identified a problem handling null passwords when loading a BKS keystore.</li>
<li>Tomas Krivanek &lt;tom&#064atack.cz&gt; added checking of Sender header to SignedMailValidator.</li>
<li>Michael &lt;emfau&#064t-online.de&gt; correction of field error in getResponse method in CertRepMessage.</li>
<li>Trevor Perrin &lt;trevor&#064cryptography.com&gt; addition of constant time equals to avoid possible timing attacks.</li>
<li>Markus Kil &lt;markus&#064primekey.se&gt; several enhancements to TimeStampResponseGenerator.</li>
<li>Dario Novakovic &lt;darionis&#064yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.</li>
<li>Michael Smith &lt;msmith&#064604cnbco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.</li>
<li>Andrea Zilio &lt;andrea.zilio&#064604gmail.com&gt; fix for PEM password encryption of private keys.</li>
<li>Alex Birkett &lt;alex&#064604birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].</li>
<li>Wayne Grant &lt;waynegrant&#064604gmail.com&gt; additional OIDs for PCKS10 and certificate generation support.</li>
<li>Frank Cornelis &lt;info&#064604frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.</li>
<li>Jan Dittberner &lt;jan&#064604dittberner.info&gt; addHeader patch for SMIME generator.</li>
<li>Bob McGowan &lt;boab.mcgoo&#064cbnco.com&gt; patch to support different object and mgf digests in PSS signing.</li>
<li>Ivo Matheis &lt;matheis&#064604seeburger.de&gt; fix to padding verification in ISO-9796-1.</li>
<li>Marco Sandrini &lt;nessche&#064604cnbco.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
<li>Alf Malf &lt;alfilmalf&#064604hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
<li>Alfonso Massa &lt;alfonso.massa&#064604insiel.it&gt; contributions to CMS time stamp classes.</li>
<li>Giacomo Boccardo &lt;gboccardo&#064604unicaspa.it&gt; initial work on CMSTimeStampedDataParser.</li>
<li>Arnis Tartu &lt;arnis&#064604ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS.</li>
<li>Janusz Sikocinski &lt;J.Sikocinski&#064gdzie.pl&gt; addition of Features subpacket support to OpenPGP API.</li>
<li>Juri Hudolejev &lt;jhudolejev&#064604gmail.com&gt; JavaDoc fix to CMSSignedDataParser.</li>
<li>Liane Velten &lt;lianVelten&#064604hjconsulting.com&gt; fine tuning of code for DHParameters validation.</li>
<li>Shawn Willden &lt;swillden&#064604google.com&gt; additional functionality to PGPKeyRing.</li>
<li>Atanas Krachev &lt;akrachev&#064604gmail.com&gt; added support for revocation signatures in OpenPGP.</li>
<li>Mickael Laiking &lt;mickael.laiking&#064604keynectis.com&gt; initial cut of EAC classes.</li>
<li>Tim Buktu &lt;tbuktu&#064604hotmail.com&gt; Initial implementation of NTRU signing and encryption.</li>
<li>Bernd &lt;bernd&#064604gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming.</li>
<li>Steing Inge Morishak &lt;stein.inge.morishak&#064604BEKK.no&gt; Test code for lower case Hex data in PEM headers.</li>
<li>Andreas Schmid &lt;andreas.schmid&#064604ntngtech.com&gt; Additional expiry time check in

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PGPPublicKeys.</li>
<li>Phil Steitz &lt;phil.steitz&#064gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC classes.</li>
<li>Petar Petrov &lt;p.petrov&#064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords.</li>
<li>Daniel Fitzpatrick &lt;daniel.f.nwr&#064gmail.com&gt; Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.</li>
<li>Andy Neilson &lt;Andy.Neilson&#064quest.com&gt; a further patches to deal with multiple providers and PEMReader.</li>
<li>Ted Shaw &lt;xiao.xj&#064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.</li>
<li>Eleriseth &lt;Eleriseth&#064WPECGLtYbVi8Rl6Y7Vzl2Lv2EUW99v3yNV31WROG8.fms&gt; speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.</li>
<li>Kenny Root &lt;kenny&#064nef-t-b.org&gt; patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.</li>
<li>Maarten Bodewes &lt;maarten.bodewes&#064gmail.com&gt; initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.</li>
<li>Philip Clay &lt;phil_b&#064sy;yahoo.com&gt; Initial implementation of J-PAKE.</li>
<li>Brian Carlstrom &lt;bdc&#064carlstrom.com&gt; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.</li>
<li>Samuel Lid&eacute;n Borell &lt;samuel&#064primekey.se&gt; patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder.</li>
<li>Sergio Demian Lerner &lt;sergiolerner&#064certimix.com&gt; pointing out isInfinity issue in ECDSASigner signature verification.</li>
<li>Tim Whittington &lt;Tim.Whittington&#064orionhealth.com&gt; patch to remove extra init call in CMac, additional of Memorable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInputStream/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.</li>
<li>Marcus Lundblad &lt;marcus.lundblad&#064primekey.se&gt; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for timestamp token generation.</li>
<li>Andrey Zhozhin &lt;zhozhin&#064xm.ru.ru&gt; patch for override of TSP SignerInfo attributes.</li>
<li>Sergey Tiunov &lt;t5555d&#064gmail.com&gt; initial cut of DVCS classes.</li>
<li>Damian Kolasa &lt;fatfredyy&#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.</li>
<li>Ash Hughes &lt;ashley.hughes&#064blueyonder.co.uk&gt; patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().</li>
<li>Daniele Ricci &lt;daniele.athome&#064gmail.com&gt; initial implementation of EC keys for OpenPGP and
RFC6637 support.</li><li>Matti Aarnio &lt;matti.aarnio&#064;methics.fi&gt; tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.</li><li>Babak Najafi &lt;bnajafi&#064;akamai.com&gt; fixes to OpenPGP NotationData to prevent truncation problems.</li><li>Eric M&amp;uuml;ller &lt;eric.mueller&#064;sage.de&gt; additional standard algorithm name lookups in JaCPEMKeyConverter.</li><li>Mathijs Herberts &lt;Mathias.Herberts&#064;604gmail.com&gt; fix to inOff usage in RFC3394WrapEngine.</li><li>Daniil Ivanov &lt;daniil.ivanov&#064;604gmail.com&gt; addition of provider support for GOST HMAC SecretKeyFactory.</li><li>Daniele Grasso &lt;daniele.grasso86&#064;604gmail.com&gt; contributions to final Key calculation code for SRP6.</li><li>Andrey Utkin &lt;cindrhc&#064;604gmail.com&gt; patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.</li><li>Arnis Tartu &lt;arnis&#064;ut.ee&gt; checker for generated key vs OID in JceCMSContentEncryptorBuilder.</li><li>AxelVDB &lt;axel-vdb&#064;riseup.net&gt; initial implementation of Shacal2.</li><li>Roberto Tyley &lt;rtyley@&amp;gt; further work on completing gradle build.</li><li>Waldemar Dick &lt;wDick&#064;devmue.de&gt; code improvement in x500 ASN.1 package.</li><li>Sid Steward &lt;Sid.steward&#064;604pdflabs.com&gt; code improvements to ASN1Boolean.</li><li>Alex Klyubin &lt;klyubin&#064;604google.com&gt; AlgorithmParameters check for EC key agreement.</li><li>Jonathan Gillett &lt;soc.student&#064;604gmail.com&gt; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.</li><li>Andreas Reiter &lt;andreas.reiter&#064;604iaik.tugraz.at&gt; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.</li><li>Kieran Miller &lt;kieran.miller&#064;604gmail.com&gt; initial implementation for RFC 5649 key wrap with padding.</li><li>Oliver Ehli &lt;ehli&#064;604arago.de&gt; Additional support for BSI plain ECDSA in the provider.</li><li>Daniel Heldt &lt;Daniel.Heldt&#064;cryptovision.com&gt; Initial support for encodable state message digests.</li><li>Robert Bushman &lt;bouncycastle&amp;gt; Clean up of DirectKeySignature example.</li><li>Maurice Aarts &lt;aarts&amp;gt; updated to KDF generator to follow NIST SP 800-108.</li><li>Franziskus Kiefer &lt;https://github.com/franziskuskiefer&gt; initial implementation of Cramer-Shoup.</li><li>KB Sriram &lt;mail_kb&#064;yahoo.com&gt; testing for odd encodings for PGP User Attribute Subpackets.</li><li>Marco Schulze &lt;marco&amp;gt; Reported verification bug in GenericSigner.</li><li>Martin Schaefer &lt;https://github.com/martinschaefer&gt; contributed a code-cleanup patch.</li><li>dstutz &lt;https://github.com/dstutz&gt; added iteration count setters to PKCS#12 PBE mac/key generator builders.</li><li>Tobias Wich &lt;tobias.wich&amp;gt; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.</li><li>Hauke Mehrtens &lt;hauke&amp;gt; TLS patch to add ECDH_ECDSA CCM ciphersuites from RFC 7251.</li><li>Daniel Zimmerman &lt;dmz&amp;gt; Further key quality improvements to RSAKeyPairGenerator.</li><li>Jens Kapitza &lt;ltj.kapitza&amp;gt; iterable support in OpenPGP API, code cleanup in OpenPGP API.
Johan Eklund &lt;johan@primekey.se&gt; update to RFC 6960 for OCSPObjectIdentifiers.

nikosn &lt;https://github.com/nikosn&gt; Fix to encoding of EC private keys to ensure encoding matches order length.

Axel von dem Bruch &lt;axel-vdb@#064riseup.net&gt; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.

Peter Jr Halicky &lt;peto#064halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator.

lartiguePierre &lt;https://github.com/lartiguePierre&gt; Fix for counter signature SID in CMSSignedData.

Thomas Belot &lt;thomas.belot+BC@#064gmail.com&gt; initial CertPathLoopTest for demonstrating stack overflow issue.

Rich DiCroce &lt;https://github.com/rdicroce&gt; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.

Bjouml;n Kautler &lt;https://github.com/Vampire&gt; Refinements to cert path validation (authority key addition, certificate order preservation).

Dominik Schuuuml;mann &lt;https://github.com/dschuermann&gt; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in GPGSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.

Michael &lt;MSKnete@#064web.de&gt; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.

bschuette &lt;https://github.com/bschuette&gt; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.

Leonard Dallot &lt;https://github.com/dallotTazTag&gt; Fix to S2K usage of none on changing passwords on keys without passwords originally.

Jan Willem Janssen &lt;j.w.janssen@bouncycastle#064xtreme.nl&gt; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.

Sebastian Oerding &lt;sebastian.oeording@robotron.de&gt; Fixes to toString() in x509.CertificatePolicies.

Kai Kramer &lt;kai.kramer@#064gmail.com&gt; Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.

Benoit Charles &lt;benoit.charles@#064opentrust.com&gt; Fix for IES data length check on decryption.

Niko &lt;nfkink95@#064gmail.com&gt; fix to cast issue in getOutputSize() for ECIES.

akwizgran &lt;https://github.com/akwizgran&gt; Fixed clone of key in Blake2bDigest copy constructor, blake2b reset for variant keys.

Matthias Edelhoff &lt;Matthias.Edelhoff@cryptovision.com&gt; BasicConstraintsValidation pathlen fix in PKIX certpath classes.

Lukasz Deputat &lt;lukasz.deputat@#064gmail.com&gt; Fixed bugs in TlsUtils read methods [#BJA-592].

Justin Ludwig &lt;https://github.com/justinludwig&gt; Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.

Andr&ecut;e, Berenguel &lt;https://github.com/aberenguel&gt; Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi.

Slawomir Jaranowski &lt;https://github.com/slakewjaranowski&gt; Patch to make cipher/hash/signature name methods in PGP internal API public.

Andrey Vasilyev &lt;https://github.com/andrey-vasilyev&gt; Initial implementation of GOST R 34.11-
2012.

- William Glanton &lt;wglanton77@064gmail.com&gt;: Fixed bug in Poly1305 [#BJA-620].
- jdvorak001 &lt;https://github.com/jdvorak001&gt;: Speed improvements for ASN.1 ObjectIdentifier cache.
- Joseph Naegle &lt;jaegele@064grierforensics.com&gt;: Patch for handling multiple certificates in a DANE SMIMEA entry.
- The Google Security Team (Project Wycheproof) &lt;https://github.com/google/wycheproof&gt;: defect analysis and additional test cases for the provider.
- Gorka Irazoqui &lt;girazoki@064wpi.edu&gt;: from Intel Security Center of Excellence &lt;https://security-center.intel.com&gt;: detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.
- Joerg Senekowitsch &lt;joerg.senekowitsch@064veridos.com&gt;: patch to deal with hard coded boolean in EAC ECDSAPublicKey.
- Alexandr Krivoshto &lt;wipe@064ya.ru&gt;: N4 calculation fix to GOFB mode.
- Artem Storozhuk &lt;storojis72@064gmail.com&gt;: N4 calculation fix to GOFB mode.
- Na Yu &lt;na.yu@064samsung.com&gt;: Constructor patches to CMC PKIData.
- Evangelos Karatsiolis &lt;ekaratsiolis@064mtg.de&gt;: Corrected use of explicit tagging in X.509 PolicyConstraints class.
- VivleSoren &lt;https://github.com/VivleSoren&gt;: additional constructor for McElieceCCA2PrivateKeyParameters.
- Sebastian Wolfgang Roland &lt;sebastianwolfgang.roland@064stud.tu-darmstadt.de&gt;: Initial XMSS/XMSS-MT implementation.
- Mike Safonov &lt;https://github.com/MikeSafonov&gt;: initial implementation of GOST3410-2012 for light weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.
- Artem Storozhuk &lt;storojis72@064gmail.com&gt;: initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.
- Andreas Glaser &lt;andreas.glaser@064gi-de.com&gt;: patch to recognise ANSSI curves for PKCS#10 requests.
- codeborne &lt;https://github.com/cbxp&gt;: patch to correct OIDs used in public key digest parameters for ECGOST-2012.
- FauxFaux &lt;https://github.com/FauxFaux&gt;: patch for JDK 1.9 update to DRBG.java.
- 4garbage &lt;https://github.com/4garbage&gt;: patch to allow GOST3410-94 private keys encoded as integers.
- ekszz &lt;https://github.com/ekszz&gt;: corrections to SM2 signer to include default identity value.
- jminer &lt;https://github.com/jminer&gt;: fix to Blake2b for hashes in range of 2**64-127 to 2**64.
- str4d &lt;https://github.com/str4d&gt;: initial implementation of Blake2s.
- Scott Woodward &lt;scott@064bit3consulting.com&gt;: performance fixes for CTRSP800DRBG.
- David Straw &lt;https://github.com/isomarcte&gt;: fix for off by one error in SCRYPT bounds checking.
- chris mccown &lt;0xchrismccown@064gmail.com&gt;: identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).
- ZZMarquis &lt;https://github.com/ZZMarquis&gt;: offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.
- Andreas Kretschmer &lt;https://github.com/Akretsch&gt;: NPE fix for CertTemplate.getVersion().
Armin Lunkeit, Michael Tautenhahn &lt;&gt; identification of M-R test issue on higher certainty values in RSA key pair generation.

Vincent Breitmoser &lt;https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP secret key encryption.

Adam Vartanian &lt;https://github.com/flooey&gt; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().

Bernd &lt;https://github.com/ecki&gt; Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.

Shartung &lt;https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German BSI TR-03111.

Paul Schaub &lt;https://github.com/vanitasvitae&gt; bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.

Nick of Nexxar &lt;https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC curves.

catbref &lt;https://github.com/catbref&gt; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).

gerlion &lt;https://github.com/gerlion&gt; detection of concurrency issue with pre-1.60 EC math library.

fgrieu &lt;fgrieu#064gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.

MTG &lt;https://github.com/mtgag&gt; patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.

Andreas Gadermaier &lt;up.gadermaier#064gmail.com&gt; initial version of Argon2 PBKDF algorithm.

Tony Washer &lt;tony.washer@yahoo.co.uk&gt; review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.

Vincent Bouckaert &lt;https://github.com/veebee&gt; initial version of RFC 4998 ASN.1 classes.


Gabriel Stoka &lt;https://github.com/gabrielsstoka&gt; corrected comments in RSA validation.

sarah-mdv &lt;https://github.com/sarah-mdv&gt; improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.

Jesse Feinman &lt;https://github.com/jessefeinman&gt; performance optimisation in RSAKeyParameters.

Gillis95 &lt;https://github.com/Gillis95&gt; improved JSSE compatibility for setEnabledCipherSuites.

Haemin Yoo &lt;https://github.com/yoohaemin&gt; Javadoc fixes.

Antoine Toulme &lt;https://github.com/atoulme&gt; Initial implementation of EthereumI2SEngine.

Golden Looly &lt;https://github.com/looly&gt; Patch for addition of C1C3C2 mode to SM2Engine.

Moses Palm&eacute;r, TrueSec &lt;Henrik.Palmer#064truesec.se&gt; Additional improvements to constant time comparisons.

Ren&eacute;l&eacute;acute; Korthaus &lt;https://github.com/securitykernel&gt; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.

THausherr &lt;https://github.com/THausherr&gt; Addition generic support for CMS/TSP functions.

Gaylor Bosson &lt;https://github.com/Gilthoniel&gt; Initial implementation of Blake2xs.

gaelalalire &lt;https://github.com/gaelalalire&gt; Patch for unprotected PGP private keys as SExpr.

im-scooter &lt;https://github.com/im-scooter&gt; Patch for case-insensitive behaviour of Param-Z.

Nick hitchan &lt;https://github.com/hitchan&gt; Fix for typo in engineInitSign() in EdEc SignatureSpi.

dbusche &lt;https://github.com/dbusche&gt; Argon2 optimisations.
Daniel Heldt &lt;https://github.com/dheldt&gt; Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in JceKeyAgreeRecipient.  
Ugochukwu Mmaduekwe &lt;https://github.com/Xor-el&gt; Fix for initially bugged legacy Integers.numberOfLeadingZeros method.  
Gsealy &lt;https://github.com/Gsealy&gt; addition of PBKDF2withHmacSM3 to the provider.  
aphuang2013 &lt;https://github.com/aphuang2013&gt; update to path validation in EST service for ClearPath EST.  
Kevin Herron &lt;https://github.com/kevinherron&gt; Initial ChaCha20Poly1305 prototype.  
vkreml &lt;https://github.com/svkreml&gt; GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.  
Tobias Ospelt &lt;tobias@pentagrid.ch&gt; Identification of 1.63 regression in ASN.1 parsing.

1.1000  p11-kit  0.23.5  3.el7
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/**
 * Constructs a new {@link LocalVariablesSorter}. <i>Subclasses must not use this constructor</i>.
 * Instead, they must use the {@link #LocalVariablesSorter(int, int, String, MethodVisitor)}
 * version.
 * 
 * @param access access flags of the adapted method.
 * @param descriptor the method's descriptor (see {@link Type}).
 * @param methodVisitor the method visitor to which this adapter delegates calls.
 * @throws IllegalStateException if a subclass calls this constructor.
 */

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 * version.
 *
 * @param methodVisitor the method visitor to which this adapter delegates calls.
 * @param access the method's access flags (see {@link Opcodes}).
 * @param name the method's name.
 * @param descriptor the method's descriptor (see {@link Type}).
 * @throws IllegalStateException if a subclass calls this constructor.
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/**
 * Constructs a new {link SerialVersionUIDAdder}. <i>Subclasses must not use this
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 * version.
 *
 * @param classVisitor a {link ClassVisitor} to which this visitor will delegate calls.
 * @throws IllegalStateException If a subclass calls this constructor.
 */

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1.1003 jaxb-api 2.1

1.1004 avahi 0.6.31 19.el7
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1.1006 jctools-core 3.0.0

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1.1007 spring-web-mvc 5.2.6.RELEASE

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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-
  jar/org/springframework/web/servlet/tags/LabelTag.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-
  jar/org/springframework/web/servlet/config/FreeMarkerConfigurerBeanDefinitionParser.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-
  jar/org/springframework/web/servlet/annotation/ServletRequestMethodArgumentResolver.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/tags/BindErrorsTag.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
 * @author Juergen Hoeller
 * @since 2.0
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/mvc/Condition/ConsumesRequestCondition.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/MvcUriComponentsBuilder.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/config/annotation/ContentNegotiationConfigurer.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/function/DefaultServletRequest.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/HttpHeadersReturnValueHandler.java

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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/view/tiles3/SpringWildcardServletTilesApplicationContext.java
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1.1014 jetty-http 9.4.16.v20190411

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

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* 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.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

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