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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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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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23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
```

```
@echo " MKDIR pic"
```

```
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
```

```
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
```

```
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
```

```
$(MV) pic/$(BSD_LIB) .
```

```
$(RM) -f ../$(BSD_LIB)
```

```
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
```

```
`echo $(my_dir) | sed -e 's/lib/;`/$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
```

```
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
```

```
@$(INSTALL_PROGRAM) $(BSD_LIB) \
```

```
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
@-$(LDCONFIG)
```

```
install-strip: install
```

```
install-shlibs-strip: install-shlibs
```

```
uninstall-shlibs uninstall::
```

```
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
```

```
$(RM) -rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,

from sources obtained from a mirror of:

tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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```

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```

```
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1.11 pcre 8.39-9

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1.12 python 2.7.17-1~18.04ubuntu1.7

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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.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes

1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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```

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1.18 gmp 6.1.2+dfsg-2

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1.19 legacy8ujssse 1.1.4

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1.20 mime-support 3.60ubuntu1

1.20.1 Available under license :

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1.21 jackson-dataformat-yaml 2.10.0

1.21.1 Available under license :

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1.22 libpng 1.6.37

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1.24 kubernetes-client 4.6.3

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io.fabric8.kubernetes.client.URLFromIngressImpl  
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```
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io.fabric8.kubernetes.client.BatchAPIGroupExtensionAdapter
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io.fabric8.kubernetes.client.NetworkAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.PolicyAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.RbacAPIGroupExtensionAdapter

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* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/SchedulingAPIGroupClient.java
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jar/io/fabric8/kubernetes/client/KubernetesClientException.java
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* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
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* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/ClusterRoleHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/URLFromIngressImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/NodeHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/internal/CertUtils.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Timeable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/ReplicaSetRollingUpdater.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Deletable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Prettyable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/CustomResourceDefinitionOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/ListVisitFromServerGetDeleteRecreateWaitApplicable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/TailPrettyLoggable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/internal/patchmixins/ObjectMetaMixIn.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/PersistentVolumeClaimOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/WithRequestCallable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Lockable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/Codgen.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/Client.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/CreateListFromLoadable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-

jar/io/fabric8/kubernetes/client/dsl/base/OperationContext.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/utils/ResourceCompare.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/ControllerRevisionOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/CreateFromServerGettable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/CustomResourceDefinitionHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/AutoAdaptableKubernetesClient.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/TimeTailPrettyLoggable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/PolicyAPIGroupExtensionAdapter.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/AnyNamespaceable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/NetworkAPIGroupClient.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/informers/ListenerWatcher.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/VersionInfo.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/EndpointsOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/ErrorChannelable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/ServiceToURLProvider.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/PersistentVolumeHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/SecretHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/BindingOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/PodSecurityPolicyOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/EditReplacePatchDeletable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/base/ConfigAndApiGroupsInfo.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/informers/cache/SharedProcessor.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/BatchAPIGroupDSL.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/KubernetesListOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-

jar/io/fabric8/kubernetes/client/OperationInfo.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/NamespaceVisitFromServerGetWatchDeleteRecreateWaitApplicableList
Impl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/StatefulSetRollingUpdater.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/SubjectAccessReviewDSL.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/TtyExecInputOutputErrorable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/ClusterRoleBindingHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/informers/cache/DeltaFIFO.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/internal/VersionUsageUtils.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/URLFromNodePortImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/IngressHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/AppsAPIGroupDSL.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/RoleBindingHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Inputable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/LimitRangeHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/PodOperationContext.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Namespaceable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Replaceable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/handlers/CertificateSigningRequestHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/utils/URLFromServiceUtil.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/SecretOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/NodeOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/CustomResourceOperationContext.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Rollable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-
jar/io/fabric8/kubernetes/client/dsl/Listable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Secretable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/DeploymentHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/Serialization.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/ExtensionsAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/StatefulSetHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PortForwarder.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/PodTemplateHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Filterable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TtyExecOutputErrorable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ApplicableAnd.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ClusterRoleOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Version.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/PortForwardable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/MultiDeleteable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/KubernetesListOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ControllerRevisionHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/LogWatchCallback.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Readable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PodDisruptionBudgetOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/ClientAware.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/LocalPortForward.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/Listener.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ScalableResource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ServiceResource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/SettingsAPIGroupDSL.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ValidatingWebhookConfigurationOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/KubernetesListHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/BlockingInputStreamPumper.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/ResourceEventHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/CustomResourceDoneable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/Indexer.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Recreateable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/ReflectorRunnable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/CascadingEditReplacePatchDeletable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/WatchListDeletable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Timestampable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/PodResource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/RecreateApplicable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Applicable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/InputStreamPumper.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/RbacAPIGroupClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/SchedulingAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ComponentStatusOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/RoleHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Loggable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ValidatingWebhookConfigurationHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/EventHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TtyExecErrorable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Triggerable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Containerable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/base/OperationSupport.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/AutoscalingAPIGroupDSL.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ScalableReaper.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/ExtensionsAPIGroupClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/PrettyLoggable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/PersistentVolumeClaimHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/HorizontalPodAutoscalerOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ServiceOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/SharedInformerFactory.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PodTemplateOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/CronJobHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Terminateable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/FileSelector.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/PKCSIUtil.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/NetworkAPIGroupDSL.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/WatchHTTPManager.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/ProcessorListener.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/NamespaceVisitFromServerGetWatchDeleteRecreateWaitApplicable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/CronJobOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/PodHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Handlers.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/VisitFromServerGetWatchDeleteRecreateWaitApplicable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/GetListFromLoadable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Operation.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Utils/ReflectUtils.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/DaemonSetHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/HttpClientAware.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Waitable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/PatchUtils.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Watcher.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ExecListenable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/VersionWatchable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/RequestConfigHolder.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Utils/IpAddressMatcher.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/readiness/ReadinessWatcher.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/MutatingWebhookConfigurationOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Utils/ApiVersionUtil.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PodOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Readable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Createable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/BatchAPIClient.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/CustomResourceOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ConfigMapHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ComponentStatusHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Utils/ReplaceValueStream.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Cascading.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/DefaultKubernetesClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/SettingsAPIGroupClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/BaseClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/JobHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/CreateOrReplaceable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/SharedIndexInformer.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ExecListener.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ResourceQuotaOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/StorageClassHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/RollableScalableResourceOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/RoleOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PortForwarderWebsocket.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Editable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ExecWebSocketListener.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/LimitRangeOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/IOHelpers.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/ResourceNotFoundException.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/HttpClientUtils.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/serializationmixins/ReplicationControllerMixIn.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/FilterWatchListMultiDeletable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Errorable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/WatchConnectionManager.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Typeable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/serializationmixins/ObjectMetaMixIn.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Reaper.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Requirable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/IngressOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ParameterMixedOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Utils/WatcherToggle.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/Store.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/GracePeriodConfigurable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Ttyable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Adapters.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/DaemonSetOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/PriorityClassHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/StorageAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Loadable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/FromServerable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Watch.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/PodPresetHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/HorizontalPodAutoscalerHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ServiceAccountOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/NamespacedKubernetesClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/PolicyAPIGroupClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/RecreateCreateable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ClusterOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Utils/Utils.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/APIGroupNotAvailableException.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ImageEditReplacePatchable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/RequestConfigurable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/BytesLimitTerminateTimeTailPrettyLoggable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Listenable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/StorageClassOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/EndpointsHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/PodSecurityPolicyHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/SharedInformer.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/URLUtils.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/DeploymentOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Config.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/ResyncRunnable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/BackwardsCompatibilityInterceptor.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/NonNamespaceOperation.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/EventType.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ClusterRoleBindingOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/FromServerGettable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TtyExecErrorChannelable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/utils/KubernetesResourceUtil.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TimestampBytesLimitTerminateTimeTailPrettyLoggable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ReplicationControllerHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/patchmixins/BuildMixIn.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/DefaultOperationInfo.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Resource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/GenericKubernetesClient.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/SubjectAccessReviewDSLImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/RecreateFromServerGettable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/impl/DefaultSharedIndexInformer.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ExecWatch.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/BatchAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/CustomResource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/RbacAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/CascadingDeletable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/NetworkAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/RollingUpdater.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Copiable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TimeoutImageEditReplacePatchable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Patchable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/RawWatchConnectionManager.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/base/HasMetadataOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PriorityClassOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/NetworkPolicyHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Gettable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/RequestConfig.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ResourceQuotaHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/NamespaceOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/base/BaseOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Nameable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/CertificateSigningRequestOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/EventOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ServiceHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/KubernetesListMixedOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TerminateTimeTailPrettyLoggable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Tailable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/KubernetesListNonNamespaceOperation.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Execable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/NamespaceHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/ResourceHandler.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/APIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/ConfigAware.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/Controller.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/readiness/Readiness.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/SerializationUtils.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Timeoutable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/FunctionCallable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ContainerResource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/RollableScalableResource.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/TtyExecable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/NetworkPolicyOperationsImpl.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Scaleable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ParameterNamespaceListVisitFromServerGetDeleteRecreateWaitApplicable.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/PolicyAPIGroupDSL.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/URLFromEnvVarsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ReplicaSetOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/KubernetesClient.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/internal/KubeConfigUtils.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/FilterWatchListDeletable.java
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* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/PropagationPolicyConfigurable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/informers/cache/Cache.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/KubernetesClientTimeoutException.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/CustomResourceList.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/LogWatch.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/StatefulSetOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/ExtensionsAPIGroupDSL.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PodPresetOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/OAuthTokenProvider.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/Versionable.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PersistentVolumeOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/MutatingWebhookConfigurationHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/base/CustomResourceDefinitionContext.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/SettingsAPIGroupExtensionAdapter.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/JobOperationsImpl.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/AppsAPIGroupClient.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/Callback.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/AutoscalingAPIGroupExtensionAdapter.java

* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/SchedulingAPIGroupDSL.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/handlers/ServiceAccountHandler.java
* /opt/cola/permits/1263516747_1643662729.3/0/kubernetes-client-4-6-3-sources-jar/io/fabric8/kubernetes/client/dsl/internal/RollingOperationContext.java

1.25 smi-libraries-cdi-proto 1.10.0-alpha

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1.26 cyrus-sasl 2.1.27~101-g0780600+dfsg-3ubuntu2.3

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 * Rob Earhart
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1.27 libseccomp 2.5.1-1ubuntu1~18.04.2

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1.28 x-net 0.0.0-20211029224645-99673261e6eb

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1.29 meld 1.0.2

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1.30 errors 0.9.1

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1.31 coreos-etcd 3.3.15+incompatible

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1.32 grpc-go 1.26.0

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

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1.34 libxi 1.7.9-1

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1.35 okio 1.15.0

1.36 openzipkin-zipkin-go 0.2.5

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1.37 libsepol 2.7-1

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1.38 properties 1.8.5

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1.39 xxhash 2.1.1

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man/fmtcheck.3bsd
man/humanize_number.3bsd
man/stringlist.3bsd
man/timeval.3bsd
src/fmtcheck.c
src/humanize_number.c
src/stringlist.c

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Files:

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man/byteorder.3bsd
man/closefrom.3bsd
man/expand_number.3bsd
man/flopen.3bsd
man/getpeereid.3bsd
man/pidfile.3bsd
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src/fparseln.c

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man/strncpy.3bsd
man/strtonum.3bsd
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src/arc4random_openbsd.h
src/arc4random_uniform.c
src/arc4random_unix.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
src/getentropy_hpux.c
src/getentropy_hurd.c
src/getentropy_linux.c
src/getentropy_osx.c
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Files:

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1.41 pkg-sftp 1.13.0

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1.42 glibc 2.27-3ubuntu1.4

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The End

1.47 j2objc-annotations 1.1

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JSR-330

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```
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```

From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

```
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```

```
*
```

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```

From dso/aix/dso.c:

```
* Based on libdl (dlfcn.c/dlfcn.h) which is
```

```
* Copyright (c) 1992,1993,1995,1996,1997,1988
```

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```

From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.

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From strings/apr_sprintf.c:

*

* cvt - IEEE floating point formatting routines.

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*

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*/

```

```
package java.security;
```

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

```
/**
```

```
* Legacy security code; do not use.
```

```
*/
```

```
public abstract class Permission implements Guard, Serializable {
    public Permission(String name) { }
```

```
    public final String getName() { return null; }
```

```
    public void checkGuard(Object obj) throws SecurityException { }
```

```
    public PermissionCollection newPermissionCollection() {
        return new AllPermissionCollection();
    }
```

```
    public abstract String getActions();
```

```
    public abstract boolean implies(Permission permission);
```

```
}
```

```
=====
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* file name: UBiDiProps.java

* encoding: US-ASCII

* tab size: 8 (not used)

* indentation:4

*

* created on: 2005jan16

* created by: Markus W. Scherer

*

* Low-level Unicode bidi/shaping properties access.

* Java port of ubidi_props.h/c.

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#*****

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<http://oss.software.ibm.com/cvs/icu/icu/source/data/locales/vi.txt?rev=1.38>

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<code>Replaceable</code> is an interface representing a
string of characters that supports the replacement of a range of
itself with a new string of characters. It is used by APIs that
change a piece of text while retaining metadata. Metadata is data
other than the Unicode characters returned by `char32At()`. One
example of metadata is style attributes; another is an edit
history, marking each character with an author and revision number.

<p>An implicit aspect of the <code>Replaceable</code> API is that
during a replace operation, new characters take on the metadata of
the old characters. For example, if the string "the bold
font" has range (4, 8) replaced with "strong", then it becomes "the
strong font".

<p><code>Replaceable</code> specifies ranges using a start

offset and a limit offset. The range of characters thus specified includes the characters at offset start..limit-1. That is, the start offset is inclusive, and the limit offset is exclusive.

<p><code>Replaceable</code> also includes API to access characters in the string: <code>length()</code>, <code>charAt()</code>, <code>char32At()</code>, and <code>extractBetween()</code>.

<p>For a subclass to support metadata, typical behavior of <code>replace()</code> is the following:

Set the metadata of the new text to the metadata of the first character replaced

If no characters are replaced, use the metadata of the previous character

If there is no previous character (i.e. start == 0), use the following character

If there is no following character (i.e. the replaceable was empty), use default metadata

If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata

If this is not the behavior, the subclass should document any differences.

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@author Alan Liu

@stable ICU 2.0

<code>ReplaceableString</code> is an adapter class that implements the <code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.

<p>Note: This class does not support attributes and is not intended for general use. Most clients will need to implement { @link Replaceable } in their text representation class.

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@see Replaceable

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JUnit

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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.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
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1.49 prometheus-client 1.5.1

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lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
"src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c

lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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```

```
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```

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.52 libxext 1.3.3-1

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1.53 zstd 1.3.3+dfsg 2ubuntu1.2

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: keyutils
Upstream-Contact: David Howells <dhowells@redhat.com>
Source: http://people.redhat.com/~dhowells/keyutils/
```

```
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```

```
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```
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#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdfplib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
```

```
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
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1.68 pam 1.1.8-3.6ubuntu2.18.04.3

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

```
-----  
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c  
+++ pam.ubuntu/modules/pam_motd/pam_motd.c  
@@ -73,6 +73,61 @@  
close(fd);  
}  
  
+int display_legal(pam_handle_t *pamh)  
+{  
+ int retval = PAM_IGNORE, rc;  
+ char *user = NULL;
```

```

+ char *dir = NULL;
+ char *flag = NULL;
+ struct passwd *pwd = NULL;
+ struct stat s;
+ int f;
+ /* Get the user name to determine if we need to print the disclaimer */
+ rc = pam_get_item(pamh, PAM_USER, &user);
+ if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+ {
+     PAM_MODUTIL_DEF_PRIVS(privs);
+
+     /* Get the password entry */
+     pwd = pam_modutil_getpwnam (pamh, user);
+     if (pwd != NULL)
+     {
+         if (pam_modutil_drop_priv(pamh, &privs, pwd) {
+             pam_syslog(pamh, LOG_ERR,
+                 "Unable to change UID to %d temporarily\n",
+                 pwd->pw_uid);
+             retval = PAM_SESSION_ERR;
+             goto finished;
+         }
+
+         if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+             goto finished;
+         if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+             goto finished;
+
+         if (stat(flag, &s) != 0)
+         {
+             display_file(pamh, "/etc/legal");
+             mkdir(dir, 0700);
+             f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                 S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+             if (f>=0) close(f);
+         }
+
+     +finished:
+         if (pam_modutil_regain_priv(pamh, &privs)) {
+             pam_syslog(pamh, LOG_ERR,
+                 "Unable to change UID back to %d\n", privs.old_uid);
+             retval = PAM_SESSION_ERR;
+         }
+
+         _pam_drop(flag);
+         _pam_drop(dir);
+     }
+ }

```

```

+ return retval;
+ }
+
PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
    int argc, const char **argv)
@@ -116,6 +171,9 @@
    /* Display the updated motd */
    display_file(pamh, motd_path);

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
    return retval;
}

```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on
Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from <ftp://ftp.kernel.org/pub/linux/libs/pam/pre/>

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1.69 libxdmcp 1.1.2-3

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1.70 python 2.7.17

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

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

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| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |

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|---------------|-----------|----------|-----|-----|
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
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1.73 openssl 1.1.1q

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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

```
;9GimCN7g
```

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

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

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

```
!"#$%&'()*+,-
```

./0123456789:;<=>?@ABCDEFGHIJKLMNopqrstuvwxyz[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@ WEV[B "1

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arch-tag: d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

1.85 go-errors-errors 1.0.2

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1.86 spring-aop 5.3.22

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1.89 xauth 1.0.10-1

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1.90 base-passwd 3.5.44

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: base-passwd

Maintainer: Colin Watson <cjwatson@debian.org>

Files: update-passwd.c, man/*

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X-Notes: Originally written by Ian Murdock <imurdock@debian.org> and

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1.91 openzipkin-contrib-zipkin-go-opentracing 0.4.5

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1.93 x-crypto 0.0.0-20210616213533-5ff15b29337e

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1.94 curl 7.58.0 2ubuntu3.19

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License Mixing

=====

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.

libcurl

Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

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(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

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(May be used for SSL/TLS support) Uses the [LGPL](<https://www.gnu.org/licenses/lgpl.html>) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

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BoringSSL

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libressl

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c-ares

(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

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

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OpenLDAP

(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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1.96 libgrypt 1.8.1 4ubuntu1.3

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1.98 python 2.7.15~rc1-1

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This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

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

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope

Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
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| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
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1.103 berkeley-db 5.3.28-13.1ubuntu1

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1.104 abbot-go-http-auth 0.4.0

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1.106 x-time-rate 0.0.0-20191024005414-555d28b269f0

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1.108 fiorix-go-diameter 3.0.2+incompatible

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#

Names should be added to this file as

Name or Organization <email address>

#

The email address is not required for organizations.

#

Please keep the list sorted.

#

Use the following command to generate the list

#

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

#

and do appropriate cleanups.

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Tapio <fitase@emblacom.com>

jaroszan <jaroslaw.szangin@gmail.com>

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1.109 expat 2.2.5 3ubuntu0.7

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1.110 zlib 1.2.11

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1.111 netcat 1.10 41.1

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1.112 libxml2 2.9.4+dfsg1 6.1ubuntu1.6

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Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0>

Upstream-Name: libxml2

Source: <ftp://xmlsoft.org/libxml2/>

Files-Excluded:

result

test

Comment:

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Files: *

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1.113 go-uber-org-multierr 1.7.0

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1.114 grpc-go 1.31.0

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.119 gopkg.in-asn1-ber 1.0.0-20181015200546-f715ec2f112d

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1.120 Isb 9.20170808ubuntu1

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1.121 libedit 3.1-20170329-1

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1.122 dash 0.5.8 2.10

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1.123 gogoprotobuf 1.3.2

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1.124 zap 1.17.0

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1.125 zap 1.18.1

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1.126 openssl 1.1.1 1ubuntu2.1~18.04.17

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

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,

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Version 2, June 1991

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1.129 prometheus-client 1.11.0

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1.131 libpsl 0.19.1-5build1

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Upstream-Name: libpsl

Source: <https://github.com/rockdaboot/libpsl>

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Files: src/psl-make-dafsa src/lookup_string_in_fixed_set.c

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1.132 openssl 1.1.1-1ubuntu2.1~18.04.19

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1.133 jackson-xc 2.10.0

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1.134 sysv-init 2.88dsf 59.10ubuntu1

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The of the start-stop-daemon

- * A rewrite of the original Debian's start-stop-daemon Perl script
- * in C (faster - it is executed many times during system startup).
- *
- * Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.135 slf4j-log4j 1.7.7

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1.136 grpc-go 1.38.0

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1.137 ishidawataru-sctp 0.0.0- 20210707070123-9a39160e9062

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1.138 pkg-sftp 1.13.1

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1.139 openssl 1.0.2n

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```

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```
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```

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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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1.148 go-farm 0.0.0-20200201041132-

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1.149 x-crypto 0.0.0-20210513164829-c07d793c2f9a

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1.150 python-meld3 1.0.2-2

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- Chris McDonough, 2005-12-18

- Tres Seaver, 2006-02-09

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1.151 eapache-channels 1.1.0

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1.152 libsepol 2.7 1ubuntu0.1

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1.153 spf13-pflag 1.0.5

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Constant-time SSSE3 AES core implementation.
version 0.1

By Mike Hamburg (Stanford University), 2009
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1.155 josharian-intern 1.0.0

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1.156 x-sys 0.0.0-20210611083646-a4fc73990273

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1.157 go 1.17.8

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# Names should be added to this file like so:
# Individual's name <submission email address>
# Individual's name <submission email address> <email2> <emailN>
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# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized as the
# same person when interacting with Gerrit.

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1.159 hostname 3.20

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1.160 mawk 1.3.3 17ubuntu3

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1.163 prometheus-common 0.30.0

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1.164 grpc-ecosystem-go-grpc-middleware

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

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1.168 netbase 5.4

1.168.1 Available under license :

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It is currently maintained by Marco d'Itri md@linux.it.

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1.169 generex 1.0.2

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```
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 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/main/java/com/mifmif/common/regex/GenerexIterator.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/main/java/com/mifmif/common/regex/util/Iterator.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/main/java/com/mifmif/common/regex/Node.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/main/java/com/mifmif/common/regex/util/Iterable.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/main/java/com/mifmif/common/regex/Main.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/main/java/com/mifmif/common/regex/Generex.java
```

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```
/*
 * Copyright 2015 y.mifrah
```

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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 * limitations under the License.
 */

Found in path(s):

* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/test/java/com/mifmif/common/regex/GenerexUnitTest.java

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

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.github.mifmif</groupId>
  <artifactId>generex</artifactId>
  <version>1.0.2</version>
  <name>Generex</name>
  <url>https://github.com/mifmif/Generex/tree/master</url>
  <description>Generex A Java Library for regex to Strings generation</description>
  <packaging>jar</packaging>
  <licenses>
    <license>
      <name>The Apache Software License, Version 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
  <developers>
    <developer>
      <id>mifmif</id>
      <name>MIFRAH Youssef</name>
      <email>mifmif.com@gmail.com</email>
    </developer>
    <developer>
      <id>mkolisnyk</id>
      <name>mkolisnyk</name>
      <email>kolesnik.nickolay@gmail.com</email>
    </developer>
  </developers>
```

```
<parent>
<groupId>org.sonatype.oss</groupId>
<artifactId>oss-parent</artifactId>
<version>7</version>
</parent>

<properties>
<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
<maven.pmd.excludes>*/generated-sources/**</maven.pmd.excludes>
</properties>
<scm>
<connection>scm:git:git@github.com:mifmif/Generex.git</connection>
<developerConnection>scm:git:git@github.com:mifmif/Generex.git</developerConnection>
<url>https://github.com/mifmif/Generex.git</url>
</scm>
<ciManagement>
<url>https://travis-ci.org/mifmif/Generex/builds</url>
<system>Travis</system>
<notifiers>
<notifier>
<address>mifmif.com@gmail.com</address>
<type>mail</type>
</notifier>
<notifier>
<address>kolesnik.nickolay@gmail.com</address>
<type>mail</type>
</notifier>
</notifiers>
</ciManagement>

<distributionManagement>
<snapshotRepository>
<id>ossrh</id>
<url>https://oss.sonatype.org/content/repositories/snapshots</url>
</snapshotRepository>
<repository>
<id>ossrh</id>
<url>https://oss.sonatype.org/service/local/staging/deploy/maven2/</url>
</repository>
</distributionManagement>

<build>
<sourceDirectory>src/main/java</sourceDirectory>
<testSourceDirectory>src/test/java</testSourceDirectory>
<resources>
<resource>
```

```

<directory>src</directory>
<excludes>
  <exclude>**/*.java</exclude>
</excludes>
</resource>
<resource>
  <directory>target/dependency</directory>
  <excludes>
    <exclude>**/*.java</exclude>
  </excludes>
</resource>
<resource>
  <directory>src/main/resources</directory>
  <includes>
    <include>**/*.properties</include>
  </includes>
</resource>
</resources>
<plugins>
  <plugin>
    <groupId>org.apache.maven.plugins</groupId>
    <artifactId>maven-install-plugin</artifactId>
    <version>2.5.2</version>
    <configuration>
      <file>target/${project.artifactId}-${project.version}.jar</file>
      <groupId>${project.groupId}</groupId>
      <artifactId>${project.artifactId}</artifactId>
      <version>${project.version}</version>
      <packaging>maven-plugin</packaging>
    </configuration>
  </plugin>

  <plugin>
    <artifactId>maven-compiler-plugin</artifactId>
    <version>3.5.1</version>
    <configuration>
      <source>1.5</source>
      <target>1.5</target>
    </configuration>
  </plugin>
  <plugin>
    <groupId>org.apache.maven.plugins</groupId>
    <artifactId>maven-jar-plugin</artifactId>
    <version>3.0.2</version>
    <configuration>
      <excludes>
        <exclude>*</exclude>
        <exclude>com/thoughtworks/**/*</exclude>
      </excludes>
    </configuration>
  </plugin>

```

```

<exclude>freemarker/**/*</exclude>
<exclude>ftl/**/*</exclude>
<exclude>i18n/**/*</exclude>
<exclude>style/**/*</exclude>
<exclude>junit/**/*</exclude>
<exclude>licenses/**/*</exclude>
<exclude>META-INF/maven/**/*</exclude>
<exclude>org/codehaus/**/*</exclude>
<exclude>org/hamcrest/**/*</exclude>
<exclude>org/jbehave/**/*</exclude>
<exclude>org/junit/**/*</exclude>
<exclude>org/testng/**/*</exclude>
<exclude>org/xmlpull/**/*</exclude>
<exclude>stories/**/*</exclude>
<exclude>style/**/*</exclude>
<exclude>tests/**/*</exclude>
</excludes>
<archive>
<manifest>
<addClasspath>>false</addClasspath>
<addDefaultImplementationEntries>>true</addDefaultImplementationEntries>
<addDefaultSpecificationEntries>>true</addDefaultSpecificationEntries>
<addExtensions>>false</addExtensions>
<classpathLayoutType>simple</classpathLayoutType>
</manifest>
</archive>
</configuration>
</plugin>
<plugin>
<artifactId>maven-assembly-plugin</artifactId>
<version>2.6</version>
<configuration>
<descriptors>
<descriptor>./sources.xml</descriptor>
</descriptors>
</configuration>
</plugin>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-dependency-plugin</artifactId>
<version>2.10</version>
</plugin>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-javadoc-plugin</artifactId>
<version>2.10.3</version>
<configuration>
<show>private</show>

```



```
<nohelp>false</nohelp>
<failOnError>false</failOnError>
<sourcepath>src/main/java</sourcepath>
</configuration>
</plugin>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-release-plugin</artifactId>
<configuration>
<tagNameFormat>v@{project.version}</tagNameFormat>
<preparationGoals>package install:install-file</preparationGoals>
<scmCommentPrefix>#3</scmCommentPrefix>
</configuration>
</plugin>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-deploy-plugin</artifactId>
<version>2.8.2</version>
<configuration>
<skip>true</skip>
</configuration>
</plugin>
```

```
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-source-plugin</artifactId>
<version>3.0.1</version>
<executions>
<execution>
<goals>
<goal>jar-no-fork</goal>
</goals>
</execution>
</executions>
</plugin>
```

```
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-javadoc-plugin</artifactId>
<executions>
<execution>
<id>attach-javadocs</id>
<goals>
<goal>jar</goal>
</goals>
</execution>
```

```
</executions>
</plugin>
```

```
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-gpg-plugin</artifactId>
  <executions>
    <execution>
      <id>sign-artifacts</id>
      <phase>deploy</phase>
      <goals>
        <goal>sign</goal>
      </goals>
    </execution>
  </executions>
</plugin>
```

```
<plugin>
  <groupId>org.sonatype.plugins</groupId>
  <artifactId>nexus-staging-maven-plugin</artifactId>
  <version>1.6.3</version>
  <executions>
    <execution>
      <id>default-deploy</id>
      <phase>deploy</phase>
      <goals>
        <goal>deploy</goal>
      </goals>
    </execution>
  </executions>
  <extensions>true</extensions>
  <configuration>
    <serverId>ossrh</serverId>
    <nexusUrl>https://oss.sonatype.org/</nexusUrl>
  </configuration>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-pmd-plugin</artifactId>
  <version>3.6</version>
  <configuration>
    <failOnViolation>true</failOnViolation>
    <excludeRoots>
      <excludeRoot>target/generated-sources/plugin</excludeRoot>
    </excludeRoots>
```

```

<excludes>
  <exclude>**/HelpMojo.java</exclude>
</excludes>
</configuration>
<executions>
  <execution>
    <goals>
      <goal>check</goal>
      <goal>cpd-check</goal>
    </goals>
    <configuration>
      <failOnViolation>true</failOnViolation>
      <excludes>
        <exclude>**/HelpMojo.java</exclude>
      </excludes>
    </configuration>
  </execution>
</executions>
</plugin>
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-checkstyle-plugin</artifactId>
  <version>2.10</version>
  <configuration>
    <excludes>**/test/java/**/*.*.java</excludes>
    <configLocation>./sun_checks.xml</configLocation>
    <suppressionsLocation>./checkstyle-suppressions.xml</suppressionsLocation>
    <failOnViolation>true</failOnViolation>
  </configuration>
  <executions>
    <execution>
      <goals>
        <goal>check</goal>
      </goals>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>cobertura-maven-plugin</artifactId>
  <version>2.6</version>
  <configuration>
    <check>
      <haltOnFailure>>false</haltOnFailure>
      <totalBranchRate>80</totalBranchRate>
      <totalLineRate>80</totalLineRate>
      <packageLineRate>80</packageLineRate>
      <packageBranchRate>80</packageBranchRate>
    </check>
  </configuration>
</plugin>

```

```

</check>
<instrumentation>
  <excludes>
    <exclude>**/HelpMojo.class</exclude>
  </excludes>
</instrumentation>
</configuration>
<executions>
  <execution>
    <id>verification</id>
    <phase>verify</phase>
    <goals>
      <goal>check</goal>
      <goal>cobertura</goal>
    </goals>
  </execution>
</executions>
</plugin>
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>javancss-maven-plugin</artifactId>
  <version>2.0</version>
  <configuration>
    <encoding>${project.build.sourceEncoding}</encoding>
    <ccnLimit>10</ccnLimit>
    <ncssLimit>100</ncssLimit>
    <failOnViolation>true</failOnViolation>
    <excludes>
      <exclude>**/tests/**/*.*</exclude>
    </excludes>
  </configuration>
  <executions>
    <execution>
      <goals>
        <goal>check</goal>
      </goals>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>findbugs-maven-plugin</artifactId>
  <version>3.0.3</version>
  <configuration>
    <encoding>${project.build.sourceEncoding}</encoding>
    <failOnError>true</failOnError>
    <excludeFilterFile>findBugsExclude.xml</excludeFilterFile>
  </configuration>

```

```
<executions>
  <execution>
    <goals>
      <goal>check</goal>
    </goals>
  </execution>
</executions>
</plugin>
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>jdepend-maven-plugin</artifactId>
  <version>2.0</version>
</plugin>
</plugins>
</build>
<dependencies>
  <dependency>
    <groupId>dk.brics.automaton</groupId>
    <artifactId>automaton</artifactId>
    <version>1.11-8</version>
  </dependency>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>4.12</version>
    <scope>test</scope>
  </dependency>
  <dependency>
    <groupId>org.hamcrest</groupId>
    <artifactId>hamcrest-junit</artifactId>
    <version>2.0.0.0</version>
    <scope>test</scope>
  </dependency>
</dependencies>
</project>
```

Found in path(s):

* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/pom.xml

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 */
```

Found in path(s):

```
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-
e910243/src/test/java/com/mifmif/common/regex/GenerexIteratorUnitTest.java
```

1.170 openzipkin-zipkin-go 0.2.2

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1.171 fsnotify 1.4.9

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1.172 prometheus-procfs 0.7.1

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1.173 go-systemd 0.0.0-20191104093116-d3cd4ed1dbcf

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1.176 apache-http-server 2.4.29-1ubuntu4.23

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```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>
<meta content="text/html; charset=ISO-8859-1" http-equiv="Content-Type" />
<!--
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
    This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
-->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No
Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
type="text/css" href="/style/css/prettify.css" />
<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>

<link href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p>
<p class="apache">Apache HTTP Server Version 2.4</p>
</div>
<div class="up"><a href="/"></a></div>
<div id="path">
<a href="http://www.apache.org/">Apache</a> &gt; <a href="http://httpd.apache.org/">HTTP Server</a> &gt; <a
href="http://httpd.apache.org/docs/">Documentation</a> &gt; <a href="/">Version 2.4</a></div><div id="page-
content"><div id="preamble"><h1>The Apache License, Version 2.0</h1>
<div class="topleng">
<p><span>Available Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;&nbsp;&lt;/a></p>
</div>
```

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```
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```

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limitations under the License.</pre></div>

</div>

</div>

```
<div class="bottomlang">
```

```
<p><span>Available Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;</a></p>
```

```
</div><div class="top"><a href="#page-header"></a></div><div
```

```
class="section"><h2><a id="comments_section" name="comments_section">Comments</a></h2><div
```

```
class="warning"><strong>Notice:</strong><br />This is not a Q&A section. Comments placed here should be
```

```
pointed towards suggestions on improving the documentation or server, and may be removed again by our
```

```
moderators if they are either implemented or considered invalid/off-topic. Questions on how to manage the Apache
```

```
HTTP Server should be directed at either our IRC channel, #httpd, on Freenode, or sent to our <a
```

```
href="http://httpd.apache.org/lists.html">mailing lists</a></div>
```

```
<script type="text/javascript"><!--><![CDATA[//><!--
```

```
var comments_shortcode = 'httpd';
```

```
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
```

```
(function(w, d) {
```

```
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
```

```
    d.write('<div id="comments_thread"></div>');
```

```
    var s = d.createElement('script');
```

```
    s.type = 'text/javascript';
```

```
    s.async = true;
```

```
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortcode + '&page=' +
```

```
comments_identifier;
```

```
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
```

```
  }
```

```
  else {
```

```
    d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
```

```
  }
```

```
})(window, document);
```

```
//><![></script></div><div id="footer">
```

```
<p class="apache">Copyright 2017 The Apache Software Foundation.<br />Licensed under the <a
```

```
href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a></p>
```

```
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
```

```
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
```

```
href="/sitemap.html">Sitemap</a></p></div><script type="text/javascript"><!--<!--><![CDATA[</><!--<!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
}
--><![></script>
</body></html>
```

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```

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* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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*
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*
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=====
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

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*/

1.177 zlib 1.2.11.dfsg 0ubuntu2

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@end macro

@macro copyrightend{ }

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@comment node-name, next, previous, up

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@item KCM credential cache.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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

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

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

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DES core in libcrypto

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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Found in path(s):

* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/ForOverride.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/RequiredModifiers.java

* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/Var.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/Immutable.java

1.190 libgpg-error 1.27 6

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That's all there is to it!

1.191 spring-context 5.3.22

1.191.1 Available under license :

Spring Framework 5.3.22

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1.192 libxmu 1.1.2-2

1.192.1 Available under license :

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```
--- libxmu-1.1.2.orig/autogen.sh
+++ libxmu-1.1.2/autogen.sh
@@ -0,0 +1,14 @@
+#!/bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+
+autoreconf -v --install || exit 1
+cd $ORIGDIR || exit $?
+
+if test -z "$NOCONFIGURE"; then
+  $srcdir/configure "$@"
+fi
--- libxmu-1.1.2.orig/debian/changelog
+++ libxmu-1.1.2/debian/changelog
@@ -0,0 +1,219 @@
+libxmu (2:1.1.2-2) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * Switch to dh with the autoreconf and quilt addons, fixing possible FTBFS
+   when building in parallel (closes: #801059). Thanks, Matthias Klose!
```

+
+ [Julien Cristau]
+ * Remove Cyril from Uploaders.
+ * Bump Standards-Version to 3.9.6, update Vcs-* control fields.
+
+ -- Julien Cristau <jcristau@debian.org> Sat, 14 Nov 2015 10:04:44 +0100
+
+libxmu (2:1.1.2-1) unstable; urgency=low
+
+ * New upstream release.
+ * Add \${misc:Depends} to libxmu-headers.
+ * Use /usr/share/quilt/quilt.make instead of xsfbs for patching.
+ * Add build-{arch,indep} debian/rules targets.
+ * Bump debhelper compat level from 5 to 7.
+
+ -- Julien Cristau <jcristau@debian.org> Mon, 05 May 2014 14:13:01 +0200
+
+libxmu (2:1.1.1-1) unstable; urgency=low
+
+ * New upstream release.
+ * Don't require (fake)root for debian/rules clean.
+ * Bump build-deps on xutils-dev, xmlto and xorg-sgml-doctools per
+ configure.ac.
+ * Xmu.html no longer hardcodes the full path to xlogo.svg, drop sed call
+ from debian/rules.
+ * Remove David Nusinow from Uploaders.
+ * Bump debhelper build-dep for \${misc:Pre-Depends} usage.
+
+ -- Julien Cristau <jcristau@debian.org> Sat, 21 Apr 2012 10:50:11 +0200
+
+libxmu (2:1.1.0-3) unstable; urgency=low
+
+ * Build for multiarch.
+
+ -- Steve Langasek <vorlon@debian.org> Fri, 21 Oct 2011 14:47:59 -0700
+
+libxmu (2:1.1.0-2) unstable; urgency=low
+
+ [Christopher James Halse Rogers]
+ * debian/patches/01_dont_export_private_deps.patch:
+ - The Xmu.h header uses libXt symbols in a #define, so libXt is not a
+ private dep. With binutils-gold, the indirect dependency on Xt is not
+ considered when linking with Xmu so this causes build failures.
+
+ [Julien Cristau]
+ * Drop Pre-Depends on x11-common, only needed for upgrades from the
+ monolith.
+

+ -- Julien Cristau <jcristau@debian.org> Thu, 28 Apr 2011 14:10:11 +0200
+
+libxmu (2:1.1.0-1) unstable; urgency=low
+
+ * New upstream release.
+ * Bump xutils-dev build-dep for new macros.
+ * Add xmlto, xorg-sgml-doctools, and w3m build-dep for the doc.
+ * Pass --with-xmlto and --without-fop (we want html and txt only).
+ * Pass --docdir=/usr/share/doc/libxmu-headers and add this directory to
+ libxmu-headers.install file.
+ * Remove the hardcoded path to the X logo in the Xmu.html file.
+ * Kill *.xml in the doc directory, no point in shipping them.
+ * Switch from --list-missing to --fail-missing for additional safety.
+
+ -- Cyril Brulebois <kibi@debian.org> Fri, 19 Nov 2010 08:42:29 +0100
+
+libxmu (2:1.0.5-2) unstable; urgency=high
+
+ [Julien Cristau]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
+ good reason. Thanks, Colin Watson!
+ * Remove myself from Uploaders
+ * Don't pass both -s and -Nfoo/-pfoo to dh_strip. This resulted in an empty
+ libxmu1-dbg (Closes: #594500). Thanks to Luca Falavigna for the report.
+
+ [Cyril Brulebois]
+ * Add myself to Uploaders.
+ * Bump urgency to high for the RC bugfix. Thanks to Jakub Wilk as well
+ for the report.
+
+ -- Cyril Brulebois <kibi@debian.org> Sat, 04 Sep 2010 14:32:30 +0200
+
+libxmu (2:1.0.5-1) unstable; urgency=low
+
+ [Timo Aaltonen]
+ * New upstream release.
+ + Fix 64bit support (closes: #521887)
+
+ [Julien Cristau]
+ * Bump Standards-Version to 3.8.3.
+
+ -- Julien Cristau <jcristau@debian.org> Wed, 25 Nov 2009 19:20:17 +0100
+
+libxmu (2:1.0.4-2) unstable; urgency=low
+
+ [Julien Cristau]
+ * Drop -1 debian revisions from build-deps.
+ * libxmu6{,-dbg}, libxmu-dev, libxmu1{,-dbg} and libxmu-dev don't need a

+ dependency on x11-common.

+ * Build libxmu-headers in binary-indep instead of binary-arch
 + (closes: #486418). Thanks, Martin Koeppel!

+ * Run autoreconf on build; build-depend on automake, libtool, xutils-dev.

+ * Handle parallel builds.

+
 + [Brice Goglin]

+ * Add a link to www.X.org and a reference to the upstream module
 + in the long description.

+ * Add upstream URL to debian/copyright.

+ * Add README.source, bump Standards-Version to 3.8.2.

+ * Use updated xsfbs, closes: #538587.

+ * Move -dbg packages to section debug.

+
 + -- Julien Cristau <jcristau@debian.org> Fri, 07 Aug 2009 14:30:36 +0200

+
 +libxmu (2:1.0.4-1) unstable; urgency=low

+
 + [Julien Cristau]

+ * New upstream release.

+ * Make libxmu*-dev depend on libxmu-headers (= \${source:Version}). Thanks,
 + Josh Triplett.

+ * Don't export private dependencies in xmu.pc and xmuu.pc. These
 + dependencies are handled by Requires.private.

+ * Due to the above, build-depend on quilt and apply the xsfbs patch rules.

+ * Update xsfbs to the latest version as of 2008-01-06.

+ * Add myself to Uploaders, and remove Branden and Fabio with their
 + permission.

+ * Bump Standards-Version to 3.7.3 (no changes).

+ * s/^XS-Vcs/Vcs/

+
 + [Timo Aaltonen]

+ * Bump the epoch so that this can be synced to Ubuntu in the future.

+
 + -- Julien Cristau <jcristau@debian.org> Thu, 17 Jan 2008 14:57:47 +0100

+
 +libxmu (1:1.0.3-1) unstable; urgency=low

+
 + * New upstream release.

+ * Install the upstream changelog.

+ * Remove outdated CVS information from the package descriptions, and add
 + XS-Vcs-Git and XS-Vcs-Browser.

+ * Fix package sections (libraries in libs, development stuff in libdevel).

+ * Use \${binary:Version} instead of \${Source-Version}.

+
 + -- Julien Cristau <jcristau@debian.org> Thu, 12 Apr 2007 13:40:07 +0200

+
 +libxmu (1:1.0.2-2) unstable; urgency=low

+
+ [Andres Salomon]
+ * Test for obj-\$(DEB_BUILD_GNU_TYPE) before creating it during build;
+ idempotency fix.
+
+ [Drew Parsons]
+ * dbg package has priority extra.
+
+ -- David Nusinow <dnusinow@debian.org> Wed, 30 Aug 2006 16:53:25 -0400
+
+libxmu (1:1.0.2-1) experimental; urgency=low
+
+ * New upstream release
+ * Bump debhelper compat to 5
+ * Run dh_install with --list-missing
+ * Version the -headers package's x11-common pre-dep to use version 1:7.0.0
+ to match the rest of Debian and shut lintian up
+ * Bump standards version to 3.7.2.0
+
+ -- David Nusinow <dnusinow@debian.org> Mon, 3 Jul 2006 18:43:32 -0400
+
+libxmu (1:1.0.1-3) unstable; urgency=low
+
+ * Reorder makeshlib command in rules file so that ldconfig is run
+ properly. Thanks Drew Parsons and Steve Langasek.
+
+ -- David Nusinow <dnusinow@debian.org> Tue, 18 Apr 2006 21:49:59 -0400
+
+libxmu (1:1.0.1-2) unstable; urgency=low
+
+ * Upload to unstable
+
+ -- David Nusinow <dnusinow@debian.org> Thu, 23 Mar 2006 22:44:59 -0500
+
+libxmu (1:1.0.1-1) experimental; urgency=low
+
+ * First upload to Debian
+
+ -- David Nusinow <dnusinow@debian.org> Thu, 29 Dec 2005 20:53:53 -0500
+
+libxmu (1:6.2.3-5) breezy; urgency=low
+
+ * Also, libxmu-dev needs to depend on libxt-dev too.
+
+ -- Adam Conrad <adconrad@ubuntu.com> Mon, 25 Jul 2005 09:43:47 +0000
+
+libxmu (1:6.2.3-4) breezy; urgency=low
+


```

+ * Bump libxt-dev build-dep once more, _XOPEN_SOURCE begone!
+
+ -- Adam Conrad <adconrad@ubuntu.com> Sun, 24 Jul 2005 10:48:14 +0000
+
+libxmu (1:6.2.3-3) breezy; urgency=low
+
+ * Make libxmu-dev depend on libxext-dev, since libxmu links to it.
+
+ -- Adam Conrad <adconrad@ubuntu.com> Sun, 24 Jul 2005 07:56:02 +0000
+
+libxmu (1:6.2.3-2) breezy; urgency=low
+
+ * Bump Build-Depends on libx11-dev, libxext-dev and libxt-dev to avoid
+ _XOPEN_SOURCE.
+
+ -- Daniel Stone <daniel.stone@ubuntu.com> Sat, 23 Jul 2005 00:20:50 +1000
+
+libxmu (1:6.2.3-1) breezy; urgency=low
+
+ * First libxmu release.
+
+ -- Daniel Stone <daniel.stone@ubuntu.com> Mon, 16 May 2005 22:10:17 +1000
--- libxmu-1.1.2.orig/debian/compat
+++ libxmu-1.1.2/debian/compat
@@ -0,0 +1 @@
+9
--- libxmu-1.1.2.orig/debian/control
+++ libxmu-1.1.2/debian/control
@@ -0,0 +1,155 @@
+Source: libxmu
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
+ debhelper (>= 9),
+ dh-autoreconf,
+ libx11-dev (>= 1:0.99.2),
+ libxt-dev (>= 1:0.99.1),
+ libxext-dev (>= 1:0.99.1),
+ pkg-config,
+ quilt,
+ automake,
+ libtool,
+ xutils-dev (>= 1:7.6+2),
+# devel-docs:
+ xmlto (>= 0.0.22),
+ xorg-sgml-doctools (>= 1:1.8),
+ w3m,

```

+Standards-Version: 3.9.6
+Vcs-Git: [git://anonscm.debian.org/git/pkg-xorg/lib/libxmu](https://anonscm.debian.org/git/pkg-xorg/lib/libxmu)
+Vcs-Browser: <https://anonscm.debian.org/cgit/pkg-xorg/lib/libxmu.git>
+
+Package: libxmu6
+Section: libs
+Architecture: any
+Multi-Arch: same
+Pre-Depends: \${misc:Pre-Depends}
+Depends: \${shlibs:Depends}, \${misc:Depends}
+Description: X11 miscellaneous utility library
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmu1.
+ .
+ More information about X.Org can be found at:
+ <URL:<http://www.X.org>>
+ .
+ This module can be found at
+ [git://anongit.freedesktop.org/git/xorg/lib/libXmu](https://anongit.freedesktop.org/git/xorg/lib/libXmu)
+
+Package: libxmu6-dbg
+Section: debug
+Architecture: any
+Multi-Arch: same
+Priority: extra
+Depends: \${shlibs:Depends}, \${misc:Depends}, libxmu6 (= \${binary:Version})
+Description: X11 miscellaneous utility library (debug package)
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmu1.
+ .
+ This package contains the debug versions of the library found in libxmu6.
+ Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:<http://www.X.org>>
+ .
+ This module can be found at
+ [git://anongit.freedesktop.org/git/xorg/lib/libXmu](https://anongit.freedesktop.org/git/xorg/lib/libXmu)
+
+Package: libxmu-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends: \${shlibs:Depends}, \${misc:Depends}, libxext-dev, libxt-dev, libxmu6 (= \${binary:Version}), libxmu-headers (= \${source:Version})
+Description: X11 miscellaneous utility library (development headers)

+ libXmu provides a set of miscellaneous utility convenience functions for X libraries to use. libXmuu is a lighter-weight version that does not depend on libXt or libXext; for more information, see libxmu1.

+ .

+ This package contains the development headers for the library found in libxmu6. Non-developers likely have little use for this package.

+ .

+ More information about X.Org can be found at:

+ <URL:http://www.X.org>

+ .

+ This module can be found at

+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+ .

+Package: libxmuu1

+Section: libs

+Architecture: any

+Multi-Arch: same

+Pre-Depends: \${misc:Pre-Depends}

+Depends: \${shlibs:Depends}, \${misc:Depends}

+Description: X11 miscellaneous micro-utility library

+ libXmuu provides a set of miscellaneous utility convenience functions for X libraries to use. It is a lighter version of libXmu that does not depend on libXt or libXext; for more information on libXmu, see libxmu6.

+ .

+ More information about X.Org can be found at:

+ <URL:http://www.X.org>

+ .

+ This module can be found at

+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+ .

+Package: libxmuu1-dbg

+Section: debug

+Architecture: any

+Multi-Arch: same

+Priority: extra

+Depends: \${shlibs:Depends}, \${misc:Depends}, libxmuu1 (= \${binary:Version})

+Description: X11 miscellaneous micro-utility library (debug package)

+ libXmuu provides a set of miscellaneous utility convenience functions for X libraries to use. It is a lighter version of libXmu that does not depend on libXt or libXext; for more information on libXmu, see libxmu6.

+ .

+ This package contains the debug versions of the library found in libxmu1. Non-developers likely have little use for this package.

+ .

+ More information about X.Org can be found at:

+ <URL:http://www.X.org>

+ .

+ This module can be found at

```

+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmu-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxmu1 (= ${binary:Version}), libxmu-headers (=
${source:Version})
+Description: X11 miscellaneous micro-utility library (development headers)
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. It is a lighter version of libXmu that does not depend
+ on libXt or libXext; for more information on libXmu, see libxmu6.
+ .
+ This package contains the development headers for the library found in
+ libxmu1. Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
+
+Package: libxmu-headers
+Section: libdevel
+Architecture: all
+Multi-Arch: foreign
+Depends:
+ libx11-dev,
+ x11proto-core-dev,
+ ${misc:Depends},
+Description: X11 miscellaneous utility library headers
+ libXmu and libXmuu are miscellaneous utility libraries for X library
+ developers to abstract some common functions. This package provides the
+ headers for both libraries (as libXmuu is a subset of libXmu), and
+ is depended upon by both. For more information, please see libxmu-dev or
+ libxmu-dev.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
--- libxmu-1.1.2.orig/debian/copyright
+++ libxmu-1.1.2/debian/copyright
@@ -0,0 +1,77 @@
+This package was downloaded from
+http://xorg.freedesktop.org/releases/individual/lib/
+

```

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+

+-----

+

+Xmu/StrToBmap.c and Xmu/GrayPixmap.c also have:

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```

--- libxmu-1.1.2.orig/debian/libxmu-dev.install
+++ libxmu-1.1.2/debian/libxmu-dev.install
@@ -0,0 +1,3 @@
+usr/lib*/libXmu.a
+usr/lib*/libXmu.so
+usr/lib*/pkgconfig/xmu.pc
--- libxmu-1.1.2.orig/debian/libxmu-headers.install
+++ libxmu-1.1.2/debian/libxmu-headers.install
@@ -0,0 +1,2 @@
+usr/include/X11/*
+usr/share/doc/libxmu-headers
--- libxmu-1.1.2.orig/debian/libxmu6.install
+++ libxmu-1.1.2/debian/libxmu6.install
@@ -0,0 +1 @@
+usr/lib*/libXmu.so.6*
--- libxmu-1.1.2.orig/debian/libxmu-dev.install
+++ libxmu-1.1.2/debian/libxmu-dev.install
@@ -0,0 +1,3 @@
+usr/lib*/libXmuu.a
+usr/lib*/libXmuu.so
+usr/lib*/pkgconfig/xmuu.pc
--- libxmu-1.1.2.orig/debian/libxmuu1.install

```

```

+++ libxmu-1.1.2/debian/libxmuu1.install
@@ -0,0 +1 @@
+usr/lib*/libXmuu.so.1*
--- libxmu-1.1.2.orig/debian/patches/01_dont_export_private_deps.diff
+++ libxmu-1.1.2/debian/patches/01_dont_export_private_deps.diff
@@ -0,0 +1,26 @@
+diff --git a/xmu.pc.in b/xmu.pc.in
+index a086f83..15dabff 100644
+--- a/xmu.pc.in
++++ b/xmu.pc.in
+@@ -6,7 +6,7 @@ includedir=@includedir@
+ Name: Xmu
+ Description: Xmu Library
+ Version: @PACKAGE_VERSION@
+-Requires: xproto x11 xt
++Requires: xproto xt
+ Requires.private: x11 xt xext
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmu
+diff --git a/xmuu.pc.in b/xmuu.pc.in
+index 1e91ac4..72fa5f9 100644
+--- a/xmuu.pc.in
++++ b/xmuu.pc.in
+@@ -6,7 +6,7 @@ includedir=@includedir@
+ Name: Xmuu
+ Description: Mini Xmu Library
+ Version: @PACKAGE_VERSION@
+-Requires: xproto x11
++Requires: xproto
+ Requires.private: x11
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmuu
--- libxmu-1.1.2.orig/debian/patches/series
+++ libxmu-1.1.2/debian/patches/series
@@ -0,0 +1 @@
+01_dont_export_private_deps.diff
--- libxmu-1.1.2.orig/debian/rules
+++ libxmu-1.1.2/debian/rules
@@ -0,0 +1,34 @@
+#!/usr/bin/make -f
+# debian/rules for the Debian libxmu package.
+# Copyright 2004 Scott James Remnant <scott@netsplit.com>
+# Copyright 2005 Daniel Stone <daniel@fooishbar.org>
+# Copyright 2005 David Nusinow <dnusinow@debian.org>
+
+# Uncomment this to turn on verbose mode.
+#export DH_VERBOSE=1
+

```

```

+.PHONY: build
+build:
+ dh build --with quilt,autoreconf --builddirectory=build/ --parallel
+
+%.
+ dh $@ --with quilt,autoreconf --builddirectory=build/ --parallel
+
+override_dh_auto_configure:
+ dh_auto_configure -- \
+ --disable-silent-rules \
+ --docdir=${prefix}/share/doc/libxmu-headers \
+ --with-xmlto \
+ --without-fop
+
+override_dh_auto_install:
+ dh_auto_install
+ find debian/tmp/usr/share/doc/libxmu-headers -name '*.xml' -delete
+
+override_dh_install-arch:
+ dh_install --fail-missing -Xusr/include -X.la
+
+override_dh_strip:
+ dh_strip -Nlibxmu6 -Nlibxmu1
+ dh_strip -plibxmu6 --dbg-package=libxmu6-dbg
+ dh_strip -plibxmu1 --dbg-package=libxmu1-dbg
--- libxmu-1.1.2.orig/debian/watch
+++ libxmu-1.1.2/debian/watch
@@ -0,0 +1,3 @@
+#git=git://anongit.freedesktop.org/xorg/lib/libXmu
+version=3
+http://xorg.freedesktop.org/releases/individual/lib/ libXmu-(.*)\tar\gz

```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1013987576_1591897387.78/0/libxmu-1-1-2-2-diff-gz/libxmu_1.1.2-2.diff

1.193 slf4j 1.7.7

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1.194 spring-expression 5.3.22

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=====

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<http://tukaani.org/xz/lists.html>

Source:

<http://tukaani.org/xz>

<http://git.tukaani.org/xz.git>

Comment:

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Comment:

From: Lasse Collin <lasse.collin@tukaani.org>

To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

[...]

.
> AUTHORS, ChangeLog, COPYING, README, THANKS, TODO,
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Other-Authors: Bruno Haible, Paul Eggert

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Files: Doxyfile.in

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Files: src/liblzma/check/crc32_table_?e.h

src/liblzma/check/crc64_table_?e.h

src/liblzma/lzma/fastpos_table.c

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changelog.gz (commit 975d8fd) explains:

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,
visibility.m4 serial 1 (gettext-0.15),
Autoconf 2.52g

License: config-h

configure.ac:

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Author: Lasse Collin

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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

Files: po/Makevars

Origin: gettext-runtime/po/Makevars (gettext-0.12)

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1.197 apr-util 1.6.1 2

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```
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```
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Wed, 17 Nov 2004 11:27:14 -0800

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

```
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From strings/apr_strnatcmp.c, include/apr_strings.h:

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1.198 go-toml 1.9.3

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[localtime.go](https://github.com/pelletier/localtime.go), [localtime_test.go](https://github.com/pelletier/localtime_test.go):

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Changes:

* Renamed files from `civil*` to `localtime*`.

* Package changed from `civil` to `toml`.

* 'Local' prefix added to all structs.

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1.205 grep 3.1 2build1

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1.206 fdisk 2.31.1

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1.207 x-sys 0.0.0-20201119102817- f84b799fce68

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1.209 golang-genproto 0.0.0-20190819201941-24fa4b261c55

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1.211 jackson-databind 2.10.0

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* Tim Martin

* Rob Earhart

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1.219 curl 7.58.0 2ubuntu3.18

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libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.

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Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

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1.220 icu 60.2 3ubuntu3.2

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Commands to generate dependency files

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

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

Flags for position independent code

SHAREDLIBCFLAGS = -fPIC

SHAREDLIBCXXFLAGS = -fPIC

SHAREDLIBCPPFLAGS = -DPIC

Additional flags when building libraries and with threads

THREADSCPPFLAGS = -D_REENTRANT

LIBCPPFLAGS =

Compiler switch to embed a runtime search path

LD_RPATH=

LD_RPATH_PRE= -Wl,-rpath,

Compiler switch to embed a library name

LD_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE_SO_TARGET))

Shared library options

LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix

SO = so

Non-shared intermediate object suffix

STATIC_O = ao

Compilation rules

%. \$(STATIC_O): \$(srcdir)/%.c

\$(COMPILE.c) \$(STATICCPPFLAGS) \$(STATICCFLAGS) -o \$@ \$<

%.o: \$(srcdir)/%.c

\$(COMPILE.c) \$(DYNAMICCPPFLAGS) \$(DYNAMICCFLAGS) -o \$@ \$<

%. \$(STATIC_O): \$(srcdir)/%.cpp

\$(COMPILE.cc) \$(STATICCPPFLAGS) \$(STATICCXXFLAGS) -o \$@ \$<

%.o: \$(srcdir)/%.cpp

\$(COMPILE.cc) \$(DYNAMICCPPFLAGS) \$(DYNAMICCXXFLAGS) -o \$@ \$<

```

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

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

## Versioned libraries rules

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

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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1.222 gzip 1.6 5ubuntu1.2

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```
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```

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

That's all there is to it!

```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
```

*
*
*
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*
* M. Welsh, 6 July 1996
*
*
*/

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dns.c - Recursive, Reentrant DNS Resolver.

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1.231 apr 1.6.3 2

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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```
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```

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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Version 3, 29 June 2007

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```
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```
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1.233 ghodss-yaml 1.0.0

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1.234 nghttp2 1.30.0-1ubuntu1

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set yrange [0:]

set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024

set xtics rotate by -45

set style histogram errorbars gap 2 lw 1

set style fill solid border -1

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1.235 gnupg 2.2.4 1ubuntu1.5

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.237 git 2.17.1-1ubuntu0.12

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1.238 capnslog 0.0.0-20180108230652-97fdf19511ea

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```
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Found in path(s):

```
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/init.go  
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/pkg_logger.go  
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/logmap.go  
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/formatters.go  
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/init_windows.go  
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* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/journald_formatter.go  
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/syslog_formatter.go  
* /opt/cola/permits/1313223151_1650565663.03/0/capnslog-4-zip/capnslog/log_hijack.go
```

1.239 libidn 2.0.4-1.1ubuntu0.2

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1.242 pcre 8.39-9ubuntu0.1

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1.243 lua 5.2.4-1.1build1

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1.244 apache-http-server 2.4.29-1ubuntu4.25

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```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>
<meta content="text/html; charset=ISO-8859-1" http-equiv="Content-Type" />
<!--
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
    This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
    -->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No
Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
type="text/css" href="/style/css/prettify.css" />
<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>

<link href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p>
<p class="apache">Apache HTTP Server Version 2.4</p>
</div>
<div class="up"><a href="/"></a></div>
<div id="path">
<a href="http://www.apache.org/">Apache</a> &gt; <a href="http://httpd.apache.org/">HTTP Server</a> &gt; <a
href="http://httpd.apache.org/docs/">Documentation</a> &gt; <a href="/">Version 2.4</a></div><div id="page-
content"><div id="preamble"><h1>The Apache License, Version 2.0</h1>
<div class="toplang">
<p><span>Available Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;</a></p>
</div>

<p class="centered">Apache License<br />
Version 2.0, January 2004<br />
```


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limitations under the License.</pre></div>

```
</div>
```

```
</div>
```

```
<div class="bottomlang">
```

```
<p><span>Available Languages: </span><a href="/en/license.html" title="English">&nbsp;en&nbsp;</a></p>
```

```
</div><div class="top"><a href="#page-header"></a></div><div
```

```
class="section"><h2><a id="comments_section" name="comments_section">Comments</a></h2><div
```

```
class="warning"><strong>Notice:</strong><br />This is not a Q&A section. Comments placed here should be  
pointed towards suggestions on improving the documentation or server, and may be removed again by our  
moderators if they are either implemented or considered invalid/off-topic. Questions on how to manage the Apache  
HTTP Server should be directed at either our IRC channel, #httpd, on Freenode, or sent to our <a  
href="http://httpd.apache.org/lists.html">mailing lists</a>.</div>
```

```
<script type="text/javascript"><!--><![CDATA[</><!--</script>
```

```
var comments_shortcode = 'httpd';
```

```
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
```

```
(function(w, d) {
```

```
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
```

```
    d.write('<div id="comments_thread"></div>');
```

```
    var s = d.createElement('script');
```

```
    s.type = 'text/javascript';
```

```
    s.async = true;
```

```
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortcode + '&page=' +
```

```
comments_identifier;
```

```
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
```

```
  }
```

```
  else {
```

```
    d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
```

```
  }
```

```
})(window, document);
```

```
//><![></script></div><div id="footer">
```

```
<p class="apache">Copyright 2017 The Apache Software Foundation.<br />Licensed under the <a
```

```
href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
```

```
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
```

```
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
```

```
href="/sitemap.html">Sitemap</a></p></div><script type="text/javascript"><!--><![CDATA[</><!--
```

```
if (typeof(prettyPrint) !== 'undefined') {
```

```
prettyPrint();
}

```

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```

/*****
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* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

*/

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1.248 log4j-api 2.17.1

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1.249 openssh 8.8

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

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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
-
- Copyright (C) Andrew Tridgell      2005
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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the `ss` command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu/pub/linux/packages/ext2fs/

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```
#  
# This is a Makefile stub which handles the creation of BSD shared  
# libraries.  
#  
# In order to use this stub, the following makefile variables must be defined.  
#  
# BSDLIB_VERSION = 1.0  
# BSDLIB_IMAGE = libce  
# BSDLIB_MYDIR = et  
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)  
#
```

```
all:: image
```

```
real-subdirs:: Makefile  
@echo " MKDIR pic"  
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)  
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)  
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))  
$(MV) pic/$(BSD_LIB) .  
$(RM) -f ../$(BSD_LIB)  
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \  
`echo $(my_dir) | sed -e 's;lib/;;' /$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)  
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"  
@$(INSTALL_PROGRAM) $(BSD_LIB) \  
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)  
@-$(LDCONFIG)
```

```
install-strip: install
```

```
install-shlibs-strip: install-shlibs
```

```
uninstall-shlibs uninstall::  
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
```

```
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

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Gadi Oxman, August 1995

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```

```
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1.252 golang-genproto 0.0.0-20200825200019-8632dd797987

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1.256 go-ldap-ldap 3.3.0

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1.257 k-sone-critbitgo 1.4.0

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1.258 afero 1.5.1

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1.259 selinux 2.7-2build2

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1.260 libapache2-mod-authz-unixgroup 1.1.0-0.1

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1.261 go-ntlmssp 0.0.0-20200615164410-66371956d46c

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1.262 smi-libraries-cdl-proto 0.0.0-20220119102443-4514ac8e0eeb

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1.263 openssh 7.6p1-4ubuntu0.7

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* @version 3.0 (December 2000)

*

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

*

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

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

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1.264 perl 5.26.1 6ubuntu0.5

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Julian Seward, jseward@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\nModule-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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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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any later version.
```

```
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```

```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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under certain conditions; type `show c' for details.
```

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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) = $output =~ /copyright 1987.\b(\d{4,})/i
        or die "Copyright statement not found in perl -v output '$output'";
}

```



```
$year;  
}
```

1.265 libffi 3.2.1 8

1.265.1 Available under license :

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Upstream Authors:

Anthony Green <green@redhat.com>

GCC developers

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1.266 also 1.1.3-5ubuntu0.6

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1.272 adduser 3.116ubuntu1

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1.273 linux-libc-dev 4.15.0-189.200

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FlashPoint Driver Developer's Kit

Version 1.0

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That's all there is to it!

```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
```

* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
*
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*
*/

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```
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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/Hpack.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Response.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/MediaType.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
jar/okhttp3/internal/connection/RouteDatabase.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Handshake.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
jar/okhttp3/internal/http2/ErrorCode.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
jar/okhttp3/internal/http/RequestLine.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Dispatcher.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
jar/okhttp3/internal/cache/InternalCache.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Request.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
jar/okhttp3/internal/NamedRunnable.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/StatusLine.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
jar/okhttp3/internal/cache/CacheStrategy.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/Http2.java
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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-
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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Dns.java
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- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/cache/CacheRequest.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/RealCall.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/ws/WebSocketReader.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/ConnectionSpec.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/CertificatePinner.java
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- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Callback.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Call.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/HttpMethod.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/RealResponseBody.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/Header.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/CipherSuite.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Challenge.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/MultipartBody.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/Version.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/RequestBody.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Protocol.java
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- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Credentials.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Interceptor.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/ws/WebSocketProtocol.java
- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/PushObserver.java

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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/proxy/NullProxySelector.java

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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/cache/CacheInterceptor.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/connection/RealConnection.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/tls/OkHostnameVerifier.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/tls/CertificateChainCleaner.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/platform/OptionalMethod.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/ConnectionPool.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Connection.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Headers.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/BridgeInterceptor.java
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- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/Http2Reader.java
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Found in path(s):

- * /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/Huffman.java

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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/io/FileSystem.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Authenticator.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/Cookie.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/connection/ConnectionSpecSelector.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/cache/FaultHidingSink.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/connection/StreamAllocation.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/connection/RouteException.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/HttpUrl.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/CookieJar.java
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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/ws/RealWebSocket.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/tls/BasicCertificateChainCleaner.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/WebSocketListener.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/StreamResetException.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/platform/AndroidPlatform.java

* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/platform/JdkWithJettyBootPlatform.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/tls/TrustRootIndex.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/tls/BasicTrustRootIndex.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/platform/Jdk9Platform.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/RetryAndFollowUpInterceptor.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/CallServerInterceptor.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/RealInterceptorChain.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/cache2/Relay.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/UnrepeatableRequestBody.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/WebSocket.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http2/ConnectionShutdownException.java
* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/cache2/FileOperator.java

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* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/HttpHeaders.java

* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http1/Http1Codec.java

* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/http/HttpCodec.java

* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-jar/okhttp3/internal/Util.java

* /opt/cola/permits/1131046724_1612892586.33/0/okhttp-3-12-6-sources-2-

1.275 libapache2-mod-authnz-external 3.3.2-

0.1

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Found in path(s):

* /opt/cola/permits/1137148391_1614022750.79/0/libapache2-mod-authnz-external-3-3-2-orig-1-tar-gz/mod_authnz_external-3.3.2/mod_authnz_external.c

1.276 mitchellh-mapstructure 1.4.1

1.276.1 Available under license :

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1.277 easyjson 0.7.7

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1.278 libcap-ng 0.7.7 3.1

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```

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*
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1.284 activation-api 1.2.1

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1.285 gorilla 1.7.3

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1.286 go-toml 1.9.2

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1.287 keyutils 1.5.9 9.2ubuntu2

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1.289 rtmpdump 2.4+20151223.gitfa8646d.1 1

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=====

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1.292 go-bgp 2.19.0+incompatible

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1.293 sudo 1.8.21p2 3ubuntu1.4

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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, Vtislav
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
Frysinger, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
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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
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KIKUCHI, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, 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
Mller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
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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
Ryabinkin, Eygene
SATO, Yuichi
Snchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
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Smith, Andy
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Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk

Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blttermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frdric
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
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1.294 x-net 0.0.0-20210726213435-c6fcb2dbf985

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1.295 libunistring 0.9.9 0ubuntu2

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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under certain conditions; type `show c' for details.
```

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```
@c The GNU General Public License.  
@center Version 3, 29 June 2007
```

```
@c This file is intended to be included within another document,  
@c hence no sectioning command or @node.
```

```
@display  
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```

```
Everyone is permitted to copy and distribute verbatim copies of this  
license document, but changing it is not allowed.  
@end display
```

```
@heading Preamble
```

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1.299 libxau 1.0.8-1ubuntu1

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1.300 logging-interceptor 3.12.6

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1.301 opentracing-contrib-go-observer 0.0.0-20170622124052-a52f23424492

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1.302 java-common 0.68ubuntu1~18.04.1

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1.303 zlib 1.2.11.dfsg-0ubuntu2.1

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1.304 ncurses 6.1 1ubuntu1.18.04

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-- vile:txtmode fc=72

-- \$Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp \$

This is the Debian prepackaged version of the ncurses library and terminfo utilities. ncurses/terminfo was originally written by Pavel Curtis and Zeyd M. Ben-Halim <zmbenhal@netcom.com>, and is currently held by the Free Software Foundation.

This package was put together by Vaidhyanathan G Mayilrangam <vaidhy@debian.org> and Joel Klecker <espy@debian.org>, using sources obtained from <ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.0.tar.gz>. Current versions of the ncurses sources are found at <ftp://invisible-island.net/ncurses/>.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>. Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjttrou@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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Upstream source <https://invisible-island.net/ncurses/ncurses.html>

This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *

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Files: alocal.m4 package

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Files: doc/html/NCURSES-Programming-HOWTO.html

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Files: install-sh

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Files: progs/tset.c ncurses/tinfo/read_termcap.c

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-- vile: txtmode file-encoding=utf-8

Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *

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Files: alocal.m4 package

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Files: install-sh

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Calling this script install-sh is preferred over install.sh, to prevent `make` implicit rules from creating a file called install from it when there is no Makefile.

This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

On Debian systems, the complete text of the GNU General Public License can be found in '/usr/share/common-licenses/GPL-2'

-- vile: txtmode file-encoding=utf-8

1.305 animal-sniffer-annotation 1.14

1.305.1 Available under license :

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
  <meta name="HandheldFriendly" content="true" />
  <link rel="shortlink" href="/node/66" />
```

```

<meta name="Generator" content="Drupal 7 (http://drupal.org)" />
<link rel="canonical" href="/licenses/MIT" />
<meta name="MobileOptimized" content="width" />
<title>The MIT License | Open Source Initiative</title>
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-
fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_4p37TiWeuzRfdymI_IPgCuu6wEwSDhUquxUkHLI7QnU.css"
media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_MnXiytJtb186Ydycnpwpw34cuUsHaKc80ey5LiQXhSY.css"
media="all" />
<link type="text/css" rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
media="all" />
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_KGZcOm3i1wmtbgZsjo-
3V9FM4wZ-5UDcpJ7Vfzmt45E.css" media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_G9cu63kkDQ56GYuF3QrqJxma5HT-bUVZckUWKUzFCF4.css"
media="all" />

<!--[if (lt IE 9)]>
<link type="text/css" rel="stylesheet" href="https://opensource.org/sites/all/themes/bootstrap-
business/css/ie8.css?ooglib" media="all" />
<![endif]-->

<!-- HTML5 element support for IE6-8 -->
<!--[if lt IE 9]>
  <script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
<![endif]-->
<script type="text/javascript" src="//code.jquery.com/jquery-1.10.2.min.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
window.jQuery || document.write("<script
src='/sites/all/modules/jquery_update/replace/jquery/1.10/jquery.min.js'\>\x3C/script>")
//--><![ ]>
</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_aczm2rRgH_slWBPNvD3KMrK7rwal199HOq8IUAb99Co.js"></script>
<script type="text/javascript" src="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
jQuery(document).ready(function($) {
  $(window).scroll(function() {
    if($(this).scrollTop() != 0) {
      $("#toTop").fadeIn();
    } else {
      $("#toTop").fadeOut();
    }
  });
});

```



```

}
});

$("#toTop").click(function() {
  $("body,html").animate({scrollTop:0},800);
});

});
//--><![ ]>
</script>
<script type="text/javascript"
src="https://opensource.org/files/js/js_ruOYJN6FkJU2O5L1dAKVnDloSn5R6LjnLW88zFxS1Uw.js"></script>
<script type="text/javascript" src="https://opensource.org/files/js/js_JQHTvV_SkyFIN3f2BnQwnusF-
eI6tkX8wrKak2siiZU.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"","pathPrefix":"","ajaxPageState":{"theme":"bootstrap_business","theme_token":"s2vZViqeD319Fq1
EBk624uZGzbS0vJ_7HPPuTvDaaeA"},"js":{"\\code.jquery.com\\jquery-
1.10.2.min.js":1,"0":1,"misc\\jquery.once.js":1,"misc\\drupal.js":1,"\\maxcdn.bootstrapcdn.com\\bootstrap\\3.2.0\\js
\\bootstrap.min.js":1,"1":1,"sites\\all\\libraries\\superfish\\jquery.hoverIntent.minified.js":1,"sites\\all\\libraries\\supe
rfish\\sftouchscreen.js":1,"sites\\all\\libraries\\superfish\\sfsmallscreen.js":1,"sites\\all\\libraries\\superfish\\suppositi
on.js":1,"sites\\all\\libraries\\superfish\\superfish.js":1,"sites\\all\\libraries\\superfish\\supersubs.js":1,"sites\\all\\mod
ules\\superfish\\superfish.js":1,"sites\\all\\themes\\bootstrap-
business\\js\\jquery.browser.min.js":1},"css":{"modules\\system\\system.base.css":1,"modules\\system\\system.men
us.css":1,"modules\\system\\system.messages.css":1,"modules\\system\\system.theme.css":1,"modules\\aggregator\\
aggregator.css":1,"modules\\comment\\comment.css":1,"modules\\field\\theme\\field.css":1,"sites\\all\\modules\\mol
lom\\mollom.css":1,"modules\\node\\node.css":1,"modules\\search\\search.css":1,"modules\\user\\user.css":1,"sites\\
all\\modules\\views\\css\\views.css":1,"sites\\all\\modules\\ctools\\css\\ctools.css":1,"\\maxcdn.bootstrapcdn.com\\
bootstrap\\3.2.0\\css\\bootstrap.min.css":1,"sites\\all\\libraries\\superfish\\css\\superfish.css":1,"sites\\all\\themes\\bo
otstrap-business\\css\\style.css":1,"sites\\all\\themes\\bootstrap-
business\\color\\colors.css":1,"sites\\all\\themes\\bootstrap-business\\css\\local.css":1,"sites\\all\\themes\\bootstrap-
business\\css\\ie8.css":1}},urlIsAjaxTrusted":{"\\licenses\\mit-
license.php":true},"superfish":{"1":{"id":"1","sf":{"animation":{"opacity":"show","height":"show"},"speed":"\u002
7fast\u0027","autoArrows":false,"dropShadows":true,"disableHI":false},"plugins":{"touchscreen":{"mode":"windo
w_width"},"smallscreen":{"mode":"window_width","addSelected":false,"menuClasses":false,"hyperlinkClasses":fa
lse,"title":"Navigation"},"supposition":true,"bgiframe":false,"supersubs":{"minWidth":"12","maxWidth":"27","extr
aWidth":1}}}}});
//--><![ ]>
</script>
</head>
<body class="html not-front not-logged-in no-sidebars page-node page-node- page-node-66 node-type-page" >
<div id="skip-link">
  <a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
</div>
<div id="toTop"><span class="glyphicon glyphicon-chevron-up"></span></div>

```

```

<!-- #header-top -->
<div id="header-top" class="clearfix">
  <div class="container">

    <!-- #header-top-inside -->
    <div id="header-top-inside" class="clearfix">
      <div class="row">

        <div class="col-md-8">
          <!-- #header-top-left -->
          <div id="header-top-left" class="clearfix">
            <div class="region region-header-top-left">
<div id="block-menu-secondary-menu" class="block block-menu clearfix">

<div class="content">
  <ul class="menu"><li class="first leaf"><a href="/" title="">Home</a></li>
<li class="leaf"><a href="/blog" title="">From the Board</a></li>
<li class="leaf"><a href="/contact" title="">Contact</a></li>
<li class="last leaf"><a href="/civicrm/contribute/transact?reset=1&id=2" title="">Donate</a></li>
</ul> </div>
</div>
</div>
</div>
<!-- EOF:#header-top-left -->
</div>

        <div class="col-md-4">
          <!-- #header-top-right -->
          <div id="header-top-right" class="clearfix">
            <div class="region region-header-top-right">
<div id="block-search-form" class="block block-search clearfix">

<div class="content">
  <form action="/licenses/mit-license.php" method="post" id="search-block-form" accept-charset="UTF-8"><div><div class="container-inline">
    <h2 class="element-invisible">Search form</h2>
    <div class="form-item form-type-textfield form-item-search-block-form">
<input onblur="if (this.value == &#039;&#039;) { this.value = &#039;Search this website...&#039;;}" onfocus="if (this.value == &#039;Search this website...&#039;) { this.value = &#039;&#039;;}" type="text" id="edit-search-block-form--2" name="search_block_form" value="Search this website..." size="15" maxlength="128" class="form-text" />
</div>
<div class="form-actions form-wrapper" id="edit-actions"><input value="" type="submit" id="edit-submit" name="op" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-3fdl1mgwvFzazdhVEs8DfK2cR3DKGD4vTlh3TguBqjQ" />

```

```

<input type="hidden" name="form_id" value="search_block_form" />
</div>
</div></form> </div>
</div>
</div>
    </div>
    <!-- EOF:#header-top-right -->
</div>

</div>
</div>
<!-- EOF: #header-top-inside -->

</div>
</div>
<!-- EOF: #header-top -->

<!-- header -->
<header id="header" role="banner" class="clearfix">
  <div class="container">

    <!-- #header-inside -->
    <div id="header-inside" class="clearfix">
      <div class="row">
        <div class="col-md-8">

          <div id="logo">
            <a href="/" title="Home" rel="home">  </a>
          </div>

          <div id="site-name">
            <a href="/" title="Home">Open Source Initiative</a>
          </div>

        </div>

        <div class="col-md-4">

          </div>
        </div>
      </div>
    <!-- EOF: #header-inside -->

  </div>
</header>

```

```
<!-- EOF: #header -->
```

```
<!-- #main-navigation -->
```

```
<div id="main-navigation" class="clearfix">
```

```
  <div class="container">
```

```
    <!-- #main-navigation-inside -->
```

```
    <div id="main-navigation-inside" class="clearfix">
```

```
      <div class="row">
```

```
        <div class="col-md-12">
```

```
          <nav role="navigation">
```

```
            <div class="region region-navigation">
```

```
          <div id="block-superfish-1" class="block block-superfish clearfix">
```

```
        <div class="content">
```

```
          <ul id="superfish-1" class="menu sf-menu sf-navigation sf-horizontal sf-style-none sf-total-items-6 sf-parent-items-6 sf-single-items-0"><li id="menu-37-1" class="first odd sf-item-1 sf-depth-1 sf-total-children-4 sf-parent-children-2 sf-single-children-2 menuparent"><a href="/about" title="About the Open Source Initiative" class="sf-depth-1 menuparent">About</a><ul><li id="menu-75-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a href="/history" title="History of the OSI" class="sf-depth-2">History</a></li><li id="menu-82-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-7 sf-parent-children-0 sf-single-children-7 menuparent"><a href="/board" title="Board of Directors" class="sf-depth-2 menuparent">Board</a><ul><li id="menu-83-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/docs/board-annotated" title="OSI Board -- With Annotations" class="sf-depth-3">Board - Annotated</a></li><li id="menu-96-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/minutes" title="Public Minutes of Board Meetings" class="sf-depth-3">Minutes</a></li><li id="menu-185-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/organization" title="These portfolios represent the activities of the current OSI board." class="sf-depth-3">Organization & Operations</a></li><li id="menu-95-1" class="middle even sf-item-4 sf-depth-3 sf-no-children"><a href="/articles-of-incorporation" title="OSI incorporation record" class="sf-depth-3">Articles of Incorporation</a></li><li id="menu-1475-1" class="middle odd sf-item-5 sf-depth-3 sf-no-children"><a href="/elections" class="sf-depth-3">Board Elections</a></li><li id="menu-84-1" class="middle even sf-item-6 sf-depth-3 sf-no-children"><a href="/bylaws" title="Bylaws of the Open Source Initiative" class="sf-depth-3">Bylaws</a></li><li id="menu-1317-1" class="last odd sf-item-7 sf-depth-3 sf-no-children"><a href="/conflict_of_interest_policy" title="" class="sf-depth-3">Conflict of Interest</a></li></ul></li><li id="menu-1843-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/trademark" title="" class="sf-depth-2 menuparent">Trademark & Logo</a><ul><li id="menu-184-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/trademark-guidelines" title="OSI's Trademark Policy" class="sf-depth-3">Trademark Guidelines</a></li><li id="menu-183-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/logo-usage-guidelines" title="Guidelines for appearance and usage of OSI Logo" class="sf-depth-3">Logo Guidelines</a></li></ul></li><li id="menu-126-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/ToS" title="Rules for posting content on this site" class="sf-depth-2">Terms of Service</a></li></ul></li><li id="menu-65-1" class="middle even sf-item-2 sf-depth-1 sf-total-children-5 sf-parent-children-3 sf-single-children-2 menuparent"><a href="/licenses" class="sf-depth-1 menuparent">Licenses</a><ul><li id="menu-61-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence" class="sf-depth-2 menuparent">Open Source Definition</a><ul><li id="menu-62-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osd-annotated" title="The OSD with
```

explanations and rationale interspersed." class="sf-depth-3">OSD - Annotated<li id="menu-77-1" class="middle even sf-item-2 sf-depth-2 sf-no-children">Licenses by Category<li id="menu-72-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children">Licenses by Name<li id="menu-66-1" class="middle even sf-item-4 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent">License Review Process<li id="menu-67-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Licence Proliferation<li id="menu-69-1" class="last even sf-item-2 sf-depth-3 sf-no-children">LP report to the Board<li id="menu-99-1" class="last odd sf-item-5 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent">Open Standards<li id="menu-101-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">The Open Standards Requirement<li id="menu-102-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Open Standards Requirement Compliance<li id="menu-100-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Open Standards Requirement Rationale<li id="menu-103-1" class="last even sf-item-4 sf-depth-3 sf-no-children">OSR Frequently Asked Questions<li id="menu-1842-1" class="middle odd sf-item-3 sf-depth-1 sf-total-children-3 sf-parent-children-2 sf-single-children-1 menuparent">Membership<li id="menu-914-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent">Individuals<li id="menu-897-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children">Join<li id="menu-675-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-3 sf-parent-children-0 sf-single-children-3 menuparent">Affiliates<li id="menu-676-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Become an Affiliate<li id="menu-677-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">List of Affiliates<li id="menu-2071-1" class="last odd sf-item-3 sf-depth-3 sf-no-children">Affiliate Criteria<li id="menu-1436-1" class="last odd sf-item-3 sf-depth-2 sf-no-children">Sponsors & Support<li id="menu-1841-1" class="middle even sf-item-4 sf-depth-1 sf-total-children-4 sf-parent-children-1 sf-single-children-3 menuparent">Community<li id="menu-63-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent">Mailing lists<li id="menu-78-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">General Code of Conduct<li id="menu-1072-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Licensing Code of Conduct<li id="menu-2111-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Disclaimer for OSI Public Forums<li id="menu-2110-1" class="last even sf-item-4 sf-depth-3 sf-no-children">Policy on Public Communications and Archives<li id="menu-2032-1" class="middle even

```
sf-item-2 sf-depth-2 sf-no-children"><a href="/volunteers" class="sf-depth-2">Volunteers</a></li><li id="menu-1846-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children"><a href="http://wiki.opensource.org" title="" class="sf-depth-2">Wiki</a></li><li id="menu-1524-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/store" class="sf-depth-2">OSI Store</a></li></ul></li><li id="menu-1840-1" class="middle odd sf-item-5 sf-depth-1 sf-total-children-5 sf-parent-children-1 sf-single-children-4 menuparent"><a href="/resources" title="Page offering resources to OSI personas" class="sf-depth-1 menuparent">Resources</a><ul><li id="menu-342-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a href="/faq" title="Frequently Asked Questions about open source and about the OSI." class="sf-depth-2">FAQ</a></li><li id="menu-38-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/blog" title="A group blog / aggregation point for OSI Board Member blogs" class="sf-depth-2">OSI Board Blog</a></li><li id="menu-45-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/help" title="Resources for questions and further exploration" class="sf-depth-2 menuparent">Getting Help</a><ul><li id="menu-76-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/links" title="Links and References to Open Source" class="sf-depth-3">Bibliography</a></li><li id="menu-125-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/advocacy/case_for_business.php" title="How to advocate Open Source to businesses" class="sf-depth-3">Open Source Case for Business</a></li></ul></li><li id="menu-1514-1" class="middle even sf-item-4 sf-depth-2 sf-no-children"><a href="/working_groups" class="sf-depth-2">Working Groups</a></li><li id="menu-12-1" class="last odd sf-item-5 sf-depth-2 sf-no-children"><a href="/osi-open-source-education" title="OSI&#039;s Open Source Education Initiative and Activities" class="sf-depth-2">Open Source Education</a></li></ul></li><li id="menu-1844-1" class="last even sf-item-6 sf-depth-1 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/news" title="Page dedicated to the latest news and events." class="sf-depth-1 menuparent">News & Events</a><ul><li id="menu-1845-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a href="/newsletters" title="Index of newsletters" class="sf-depth-2">Newsletters</a></li><li id="menu-1999-1" class="last even sf-item-2 sf-depth-2 sf-no-children"><a href="/events" class="sf-depth-2">Events</a></li></ul></li></ul> </div>
</div>
</div>
</nav>
</div>
</div>
</div>
<!-- EOF: #main-navigation-inside -->

</div>
</div>
<!-- EOF: #main-navigation -->

<!-- #page -->
<div id="page" class="clearfix">

<!-- #main-content -->
<div id="main-content">
  <div class="container">

<!-- #messages-console -->
  <!-- EOF: #messages-console -->
```

```
<div class="row">
```

```
<section class="col-md-12">
```

```
<!-- #main -->
```

```
<div id="main" class="clearfix">
```

```
<!-- EOF:#content-wrapper -->
```

```
<div id="content-wrapper">
```

```
<h1 class="page-title">The MIT License</h1>
```

```
<!-- #tabs -->
```

```
<div class="tabs">
```

```
</div>
```

```
<!-- EOF: #tabs -->
```

```
<!-- #action links -->
```

```
<!-- EOF: #action links -->
```

```
<div class="region region-content">
```

```
<div id="block-system-main" class="block block-system clearfix">
```

```
<div class="content">
```

```
<article id="node-66" class="node node-page clearfix">
```

```
<div class="content">
```

```
<div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-items"><div class="field-item even"><p style="font-weight:bold">
```

```
SPDX short identifier: MIT
```

```
</p>
```

```
<div align="right">
```

```
<button onclick="myFunction()">Further resources on the <b>MIT License</b></button>
```

```
<p id="demo"></p>
```

```
<script>
```

```
<!--//--><![CDATA[// ><!--
```

```

function myFunction() {
    var x;
    if (confirm("Disclaimer: While the OSI acknowledges these as potentially helpful resources for the community, it
does not endorse any content, contributors or license interpretations from these websites. Any links to these
resources across opensource.org are solely for navigational purposes. The OSI does not promote or exclusively favor
any of the mentioned resources, but instead provides them as separate third-party resource to help inform your
opinion. Any content from or links to these resources are separate from the OSI, exist for purely informational
purposes and creates no attorney-client relationship between you, the OSI or the resources. If you have questions
about how licenses apply to you or your organization, you should seek legal advice. ") == true) {
        x = "<br><p>The following are other community resources that may be helpful:<br><br><a
href=https://tldrlegal.com/license/mit-license style='font-weight: bold;'>The MIT License on TLDRLegal<br><a
href=http://www.gnu.org/licenses/license-list.en.html>GNU License List<br><a
href=https://en.wikipedia.org/wiki/Comparison_of_free_and_open-source_software_licenses>Wikipedia License
List<br><a href=http://oss-watch.ac.uk/apps/licdiff/>OSSWatch License Diff<br><a
href=choosealicense.com>Choosealicense";
    } else {
        x = " ";
    }
    document.getElementById("demo").innerHTML = x;
}

//--><![]]>
</script></div>

```

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</div></div></div> </div>


```

</article> </div>
</div>
</div>

    </div>
    <!-- EOF:#content-wrapper -->

</div>
<!-- EOF:#main -->

</section>

</div>

</div>
</div>
<!-- EOF:#main-content -->

</div>
<!-- EOF:#page -->

<footer id="subfooter" class="clearfix">
  <div class="container">

    <!-- #subfooter-inside -->
    <div id="subfooter-inside" class="clearfix">
      <div class="row">
        <div class="col-md-12">
          <!-- #subfooter-left -->
          <div class="subfooter-area">

              <div class="region region-footer">
<div id="block-block-11" class="block block-block clearfix">

<div class="content">
  <div class="filler" style="vertical-align: middle; display: inline-block;">
<p style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align: middle;">
<a href="https://twitter.com/OpenSourceOrg" style="margin: 0pt auto; display: table-cell; text-align: center;
vertical-align: middle;"></a>

```



```
<script id="fbwiuwz">
<!--><![CDATA[><!--
(function(i){var
f,s=document.getElementById(i);f=document.createElement('iframe');f.src="//api.flattr.com/button/view/?uid=osi&u
rl=http%3A%2F%2Fopensource.org';f.title='Flattr';f.height=70;f.width=70;f.style.borderWidth=0;s.parentNode.inse
rtBefore(f,s);})('fbwiuwz');
//><![>
</script></p>
</div>
```


<div class="license" style="vertical-align: middle; display: inline-block;">

<p>

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href="http://creativecommons.org/licenses/by/4.0/">Creative Commons Attribution 4.0 International License.

</p>

<p>

Terms of Service

</p>

</div>

</div>

</div>

<div id="block-block-7" class="block block-block clearfix">

<div class="content">

<script src="https://www.google-analytics.com/urchin.js" type="text/javascript">

<!--><![CDATA[><!--

//><![>

</script><script type="text/javascript">

<!--><![CDATA[><!--

```

_uacct = "UA-3916956-1";
urchinTracker();

//--><![]]>
</script> </div>
</div>
</div>

</div>
<!-- EOF: #subfooter-left -->
</div>
</div>
</div>
<!-- EOF: #subfooter-inside -->

</div>
</footer>
<!-- EOF:#subfooter -->
</body>
</html>

```

1.306 kubernetes-model-common 4.6.3

1.306.1 Available under license :

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

```

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 * See the License for the specific language governing permissions and
 * limitations under the License.
 */

```

Found in path(s):

```

* /opt/cola/permits/1263516959_1643662554.07/0/kubernetes-model-common-4-6-3-sources-
jar/io/fabric8/kubernetes/model/annotation/ApiGroup.java
* /opt/cola/permits/1263516959_1643662554.07/0/kubernetes-model-common-4-6-3-sources-

```

jar/io/fabric8/kubernetes/model/annotation/ApiVersion.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1263516959_1643662554.07/0/kubernetes-model-common-4-6-3-sources-jar/META-INF/maven/io.fabric8/kubernetes-model-common/pom.xml

1.307 sensible-utils 0.0.12

1.307.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: sensible-utils

Upstream-Contact: Anibal Monsalve Salazar <anibal@debian.org>

Source: <https://alioth.debian.org/projects/collab-maint/sensible-utils.git>

Files: *

Copyright: 2002-2009, Clint Adams <schizo@debian.org>

2010- Anibal Monsalve Salazar <anibal@debian.org>

2012, David Prvot <taffit@debian.org>

2013, Thorsten Glaser

2017, Jrmmy Bobbio

2017, Ximin Luo

2017- Bastien Roucaris <rouca@debian.org>

License: GPL-2+

Files: sensible-editor*

Copyright: 1997, Guy Maor

2002, 2004, 2006, Clint Adams

2010- Anibal Monsalve Salazar <anibal@debian.org>

License: GPL-2+

Files: sensible-pager*

Copyright: 1997, 1998, Guy Maor
2004, Clint Adams
2010- Anibal Monsalve Salazar <anibal@debian.org>
License: GPL-2+

Files: sensible-browser*
Copyright: 2002, Joey Hess
2003, 2007, 2008, Clint Adams
2010- Anibal Monsalve Salazar <anibal@debian.org>
License: GPL-2+

Files: select-editor*
Copyright: 2009, Dustin Kirkland <kirkland@canonical.com>.
2010- Anibal Monsalve Salazar <anibal@debian.org>
License: GPL-2+

Files: man/Makefile.am
man/utf8toman.sed
Copyright: 2012-2017, Guillaume Jover
License: GPL-2+
Comment: Part of this are copied from dpkg

Files: man/po4a/cs*
Copyright: 2012, Michal Simunek
License: GPL-2+

Files: man/po4a/de*
Copyright: 2011, Helge Kreutzmann <debian@helgefjell.de>
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Files: man/po4a/es*
Copyright: 2010-2012, Omar Campagne
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Files: man/po4a/ja*
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Files: man/po4a/pl*
Copyright: 2004, 2010, Robert Luberda <robert@debian.org>.

License: GPL-2+

Files: man/po4a/pt*

Copyright: 2014, Amrico Monteiro <a_monteiro@gmx.com>

License: GPL-2+

Files: aclocal.m4

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License: All-permissive

Files: *Makefile.in

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Files: configure

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Files: build-aux/missing

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Files: build-aux/install-sh

Copyright: 1994 X Consortium

License: installsh

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1.308 audit 2.8.2-1ubuntu1.1

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Version 2.1, February 1999

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1.309 patch 2.7.6 2ubuntu1.1

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1.310 golang-glog 0.0.0-20210429001901-424d2337a529

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- * /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/NodeType.java
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- * /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Diff.java

1.312 cdebconf 0.213ubuntu1

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1.313 afero 1.6.0

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1.314 pkix-ssh 13.2.3

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* @version 3.0 (December 2000)

*

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

*

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

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1.315 libjpeg 6b

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1.315.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher,

Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP

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This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

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

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

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

OVERVIEW

=====

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

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

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

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

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

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

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

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REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue

handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.

1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

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

The TIFF 6.0 file format specification can be obtained by FTP from
<ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme
found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.
IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6).
Instead, we recommend the JPEG design proposed by TIFF Technical Note #2
(Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or
from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision
of the TIFF spec will replace the 6.0 JPEG design with the Note's design.
Although IJG's own code does not support TIFF/JPEG, the free libtiff library
uses our library to implement TIFF/JPEG per the Note. libtiff is available
from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet
address 192.48.96.9). The most recent released version can always be found
there in directory <graphics/jpeg>. This particular version will be archived
as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have
direct Internet access, UUNET's archives are also available via UUCP; contact
help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only
<ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from
the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or
on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12
"JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net>
release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of
general information about JPEG. It is updated constantly and therefore is
not included in this distribution. The FAQ is posted every two weeks to
Usenet newsgroups <comp.graphics.misc>, <news.answers>, and other groups.
It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/>
and other <news.answers> archive sites, including the official <news.answers>
archive at <rtfm.mit.edu>: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>.
If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu

with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.316 go.uber.org/atomi 1.7.0

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support/man2html.c

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