



# Open Source Used In Video Network Service Manager Software Version 11.00.00

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## 1.3 angular-debounce 1.1.0

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## 1.4 angular-smart-table 2.1.11

## 1.5 angular-ui-bootstrap 2.5.6

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# 1.7 angular-ui-sortable 0.19.0

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## 1.9 animal-sniffer-annotations 1.14

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### 1.4.7 :1

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## 1.21 aspectj.runtime 1.6.2

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# 1.22 aspectjweaver 1.7.2

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## 1.23 asyncretry 0.0.6

## 1.24 Babel 7.0.0

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```
echo "Cloning LICENSE to babel packages"
```

```
cat LICENSE
```

```
ls -db ./packages/*/ | egrep -v '.*packages\(babel-parser|babel-plugin-transform-object-assign\)\/?$' | xargs -n 1 cp LICENSE
```

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

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

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Support for streaming Protocol Buffer messages for the Go language (golang).

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## 1.53 core-js 2.6.5

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```

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```

```
#endif /* _KERBEROS_MIT_COPYRIGHT_H */
```

```
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```

```
* Tim Martin
```

```
* Rob Earhart
```

```
* Rob Siemborski
```

```
*/
```

```
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```

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Theodore Ts'o  
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```

```
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/\*

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Theodore Ts'o  
23-June-2007

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Version 2, June 1991

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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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```
#
# 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) $(LD_FLAGS) $(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)/$(BSD_LIB)
@-$(LD_CONFIG)
```

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)
```

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\*/

Index: tdbsa/tdb.c

=====  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.  
+ trivial database library - standalone version

- trivial database library - private includes

-

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Theodore Ts'o  
23-June-2007

-----  
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```
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```

```
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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

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

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<one line to give the library's name and a brief idea of what it does.>  
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<signature of Ty Coon>, 1 April 1990  
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Appendix: How to Apply These Terms to Your New Programs

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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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the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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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.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

Ty Coon, President of Vice

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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) $(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)

/\*

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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
- + Copyright (C) Andrew Tridgell           1999-2005
- + Copyright (C) Jeremy Allison           2000-2006
- + Copyright (C) Paul `Rusty' Russell      2000

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

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

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

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

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```

*
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*****

```

```

package org.eclipse.gmf.runtime.emf.core.clipboard;
import java.util.HashMap;
import java.util.Map;

import org.eclipse.emf.common.util.EList;
import org.eclipse.emf.common.util.URI;
import org.eclipse.emf.ecore.EObject;
import org.eclipse.emf.ecore.EPackage.Registry;
import org.eclipse.emf.ecore.resource.Resource;
import org.eclipse.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.resource.URIConverter;
import org.eclipse.emf.ecore.resource.impl.ResourceSetImpl;

import org.eclipse.gmf.runtime.common.core.util.Trace;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCoreDebugOptions;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCorePlugin;

```

```

/**
 * @author Yasser Lulu
 */
public class CopyingResourceSet
extends ResourceSetImpl {

private ResourceSetImpl mslResourceSet;

private Map resourcesMap;

/**
 *
 */
public CopyingResourceSet(ResourceSet resourceSet) {
    mslResourceSet = (ResourceSetImpl) resourceSet;
    resourcesMap = new HashMap();
    setURIResourceMap(new HashMap());
}

public Map getResourcesMap() {
    return resourcesMap;
}

/* (non-Javadoc)

```

```

* @see org.eclipse.emf.ecore.resource.ResourceSet#getEObject(org.eclipse.emf.common.util.URI, boolean)
*/
public EObject getEObject(URI uri, boolean loadOnDemand) {
    EObject eObject = mslResourceSet.getEObject(uri, loadOnDemand);
    if (eObject == null) {
        return super.getEObject(uri, loadOnDemand);
    }
    return eObject;
}

/* (non-Javadoc)
* @see org.eclipse.emf.ecore.resource.ResourceSet#getResource(org.eclipse.emf.common.util.URI, boolean)
*/
public Resource getResource(URI uri, boolean loadOnDemand) {
    Resource resource = mslResourceSet.getResource(uri, loadOnDemand);
    if (resource == null) {
        return super.getResource(uri, loadOnDemand);
    }
    return resource;
}

/* (non-Javadoc)
* @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getURIResourceMap()
*/
public Map getURIResourceMap() {
    return mslResourceSet.getURIResourceMap();
}

/* (non-Javadoc)
* @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#createResource(org.eclipse.emf.common.util.URI)
*/
public Resource createResource(URI uri) {
    throwUnsupportedOperationException("createResource", //$NON-NLS-1$
        new UnsupportedOperationException(
            "Can't create resources on MSLCopyingResourceSet")); //$NON-NLS-1$
    return null;
}

/* (non-Javadoc)
* @see org.eclipse.emf.common.notify.impl.BasicNotifierImpl#eNotificationRequired()
*/
public boolean eNotificationRequired() {
    return false;
}

```

```

private void throwUnsupportedOperationException(String methodName,
    UnsupportedOperationException ex) {
    Trace.throwing(EMFCorePlugin.getDefault(),
        EMFCoreDebugOptions.EXCEPTIONS_THROWING, getClass(), methodName, ex);
    throw ex;
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getAdapterFactories()
 */
public EList getAdapterFactories() {
    return mslResourceSet.getAdapterFactories();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getLoadOptions()
 */
public Map getLoadOptions() {
    return mslResourceSet.getLoadOptions();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getPackageRegistry()
 */
public Registry getPackageRegistry() {
    return mslResourceSet.getPackageRegistry();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getResourceFactoryRegistry()
 */
public org.eclipse.emf.ecore.resource.Resource.Factory.Registry getResourceFactoryRegistry() {
    return mslResourceSet.getResourceFactoryRegistry();
}

/* (non-Javadoc)
 * @see org.eclipse.emf.ecore.resource.impl.ResourceSetImpl#getURICConverter()
 */
public URICConverter getURICConverter() {
    return mslResourceSet.getURICConverter();
}
}

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```

```

*
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*****

```

```

package org.eclipse.gmf.runtime.emf.core.clipboard;

```

```

import java.io.IOException;
import java.io.InputStream;
import java.util.Iterator;
import java.util.Map;

```

```

import org.eclipse.emf.common.util.EList;
import org.eclipse.emf.common.util.URI;
import org.eclipse.emf.ecore.EObject;
import org.eclipse.emf.ecore.EStructuralFeature;
import org.eclipse.emf.ecore.InternalEObject;
import org.eclipse.emf.ecore.resource.Resource;
import org.eclipse.emf.ecore.resource.ResourceSet;
import org.eclipse.emf.ecore.util.EcoreUtil;
import org.eclipse.emf.ecore.util.InternalEList;
import org.eclipse.emf.ecore.xmi.XMLHelper;
import org.eclipse.emf.ecore.xmi.XMLLoad;
import org.eclipse.emf.ecore.xmi.XMLResource;
import org.eclipse.emf.ecore.xmi.XMLSave;
import org.eclipse.emf.ecore.xmi.impl.XMIHelperImpl;
import org.eclipse.emf.ecore.xmi.impl.XMIResourceImpl;
import org.eclipse.emf.ecore.xmi.impl.XMISaveImpl;
import org.eclipse.gmf.runtime.common.core.util.Trace;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCoreDebugOptions;
import org.eclipse.gmf.runtime.emf.core.internal.plugin.EMFCorePlugin;
import org.eclipse.gmf.runtime.emf.core.internal.util.EMFCoreConstants;

```

```

/**
 * @author Yasser Lulu
 */

```

```

public class CopyingResource
extends XMIResourceImpl {

    private XMLResource xmlResource;

    private CopyingResourceSet copyingResourceSet;

    public CopyingResource(XMLResource resource, URI uri,
        CopyingResourceSet copyingResourceSet) {
        this(resource, uri, copyingResourceSet, true);
    }
}

```

```

public CopyingResource(XMLResource resource, URI uri,
    CopyingResourceSet copyingResourceSet, boolean regenerateIds) {
    super(uri);
    this.xmlResource = resource;
    this.copyingResourceSet = copyingResourceSet;
    setEncoding(resource.getEncoding());
    //needed to allow calls to unload() to proceed
    setLoaded(true);
    getDefaultSaveOptions().putAll(resource.getDefaultSaveOptions());
    copyingResourceSet.getResources().add(this);
    copyingResourceSet.getResourcesMap().put(resource, this);
    if (regenerateIds) {
        createNewIDs();
    } else {
        copyIDs();
    }
}

/**
 *
 */
private void createNewIDs() {
    // OK to get all contents because we have to copy
    // the entire model content of this resource
    Iterator it = getXMLResource().getAllContents();
    while (it.hasNext()) {
        setID((EObject) it.next(), EcoreUtil.generateUUID());
    }
}

protected XMLLoad createXMLLoad() {
    throwUnsupportedOperationException("createXMLLoad", //$NON-NLS-1$
        new UnsupportedOperationException(
            "Can't call load on CopyingResource resource")); //$NON-NLS-1$
    return null;
}

protected XMLHelper createXMLHelper() {
    return new CopyingHelper(this);
}

protected void unloaded(InternalEObject internalEObject) {
    //disable parent
}

/**
 * @see org.eclipse.emf.common.notify.impl.NotifierImpl#eNotificationRequired()
 */

```

```

public boolean eNotificationRequired() {
    return false;
}

private void throwUnsupportedOperationException(String methodName,
    UnsupportedOperationException ex) {
    Trace.throwing(EMFCorePlugin.getDefault(),
        EMFCoreDebugOptions.EXCEPTIONS_THROWING, getClass(), methodName, ex);
    throw ex;
}

/**
 * @return Returns the resourcesMap.
 */
private Map getResourcesMap() {
    return getMslCopyingResourceSet().getResourcesMap();
}

public void doLoad(InputStream inputStream, Map options)
    throws IOException {
    throwUnsupportedOperationException("doLoad", //$NON-NLS-1$
        new UnsupportedOperationException(
            "Can't call load on CopyingResource resource")); //$NON-NLS-1$
}

protected XMLSave createXMLSave() {
    return new CopyingSave(createXMLHelper());
}

private boolean isInResource(EObject eObject) {
    // in case of cross-resource containment, the 'EObject' may be in a
    // different resource than xmlResource, though one of its containers
    // may be
    while (EObject != null) {
        if (((InternalEObject) eObject).eDirectResource() == getXMLResource()) {
            return true;
        }
        eObject = eObject.eContainer();
    }

    return false;
}

public EList getContents() {
    return getXMLResource().getContents();
}

```

```

/**
 * @see org.eclipse.emf.ecore.resource.impl.ResourceImpl#doUnload()
 */
protected void doUnload() {
    //disable parent's
}

public EObject getEObject(String uriFragment) {
    int index = uriFragment.indexOf('?');
    if (-1 != index) {
        uriFragment = uriFragment.substring(0, index);
    }
    return super.getEObject(uriFragment);
}

/**
 * Returns the object based on the fragment as an ID.
 */
protected EObject getEObjectByID(String id) {
    EObject eObj = getXMLResource().getEObject(id);
    if (eObj == null) {
        return super.getEObjectByID(id);
    }
    return eObj;
}

/**
 * @return Returns the CopyingResourceSet.
 */
public CopyingResourceSet getMslCopyingResourceSet() {
    return copyingResourceSet;
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.impl.ResourceImpl#getResourceSet()
 */
public ResourceSet getResourceSet() {
    return getMslCopyingResourceSet();
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.Resource.Internal#attached(org.eclipse.emf.ecore.EObject)
 */
public void attached(EObject eObject) {

```

```

//disable
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.Resource.Internal#detached(org.eclipse.emf.ecore.EObject)
 */
public void detached(EObject eObject) {
//disable
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.xml.XMLResource#getEObjectToExtensionMap()
 */
public Map getEObjectToExtensionMap() {
return getXMLResource().getEObjectToExtensionMap();
}

/*
 * (non-Javadoc)
 *
 * @see org.eclipse.emf.ecore.resource.Resource#isTrackingModification()
 */
public boolean isTrackingModification() {
return false;
}

private void copyIDs() {
// OK to get all contents because we have to copy
// the entire model content of this resource
XMLResource lastRes = null;

for (Iterator iter = getXMLResource().getAllContents(); iter.hasNext(); ) {
InternalEObject eObject = (InternalEObject)iter.next();

if (eObject.eDirectResource() != null) {
// ensure that we only ask the resource that actually contains
// an object for that object's ID
lastRes = (XMLResource) eObject.eDirectResource();
}

getEObjectToIDMap().put(eObject, lastRes.getID(eObject));
getIDToEObjectMap().put(lastRes.getID(eObject), eObject);
}
}
}

```



```

/**
 * Gets the XML resource that contains the model content to be copied.
 *
 * @return the XML resource
 */
protected XMLResource getXMLResource() {
    return xmlResource;
}

/**
 * Helper implementation for the CopyingResource.
 */
protected class CopyingHelper extends XMIHelperImpl {

    public CopyingHelper() {
        super();
    }

    public CopyingHelper(XMLResource resource) {
        super(resource);
    }

    /**
     * @see org.eclipse.emf.ecore.xmi.XMLHelper#deresolve(org.eclipse.emf.common.util.URI)
     */
    public URI deresolve(URI anUri) {

        // if this both target and container are within a platform resource and
        // projects
        // or plugins are different then do not deresolve.
        if (((EMFCoreConstants.PLATFORM_SCHEME.equals(anUri.scheme())) &&
            (EMFCoreConstants.PLATFORM_SCHEME
                .equals(resourceURI.scheme()))
            && ((anUri.segmentCount() > 2) && (resourceURI.segmentCount() > 2))
            && ((!anUri.segments()[0].equals(resourceURI.segments()[0])) || (!anUri
                .segments()[1].equals(resourceURI.segments()[1]))))
            return anUri;

        return super.deresolve(anUri);
    }

    /**
     * (non-Javadoc)
     *
     * @see org.eclipse.emf.ecore.xmi.impl.XMLHelperImpl#getHREF(org.eclipse.emf.ecore.EObject)
     */
    public String getHREF(EObject obj) {

```

```

EObject eObj = obj;

if (obj.eIsProxy()) {
    eObj = EcoreUtil.resolve(obj, getXMLResource());
    if (eObj == obj) {
        // use super.getHREF() if we can't resolve the proxy
        eObj = null;
    }
}

if (eObj != null) {
    Resource resource = eObj.eResource();
    if (resource != null) {
        URI objectURI = getHREF(resource, eObj);
        objectURI = deresolve(objectURI);
        return objectURI.toString();
    }
}

return super.getHREF(obj);
}

protected URI getHREF(Resource otherResource, EObject obj) {
    if (!(otherResource instanceof CopyingResource)) {
        CopyingResource copyingResource = (CopyingResource) getResourcesMap()
            .get(otherResource);
        if (copyingResource != null) {
            otherResource = copyingResource;
        }
    }

    return super.getHREF(otherResource, obj);
}
};

/**
 * Save implementation for the CopyingResource.
 */
public class CopyingSave extends XMISaveImpl {

    public CopyingSave(XMLHelper helper) {
        super(helper);
    }

    public CopyingSave(Map options, XMLHelper helper, String encoding) {
        super(options, helper, encoding);
    }
}

```

```

public CopyingSave(Map options, XMLHelper helper, String encoding,
    String xmlVersion) {
    super(options, helper, encoding, xmlVersion);
}

/**
 * @see org.eclipse.emf.ecore.xmi.impl.XMLSaveImpl#sameDocMany(org.eclipse.emf.ecore.EObject,
 *     org.eclipse.emf.ecore.EStructuralFeature)
 */
protected int sameDocMany(EObject o, EStructuralFeature f) {
    InternalEList values = (InternalEList) helper.getValue(o, f);
    if (values.isEmpty()) {
        return SKIP;
    }

    for (Iterator i = values.basicIterator(); i.hasNext(); ) {
        EObject value = (EObject) i.next();
        if (value.eIsProxy() || (isInResource(value) == false)) {
            return CROSS_DOC;
        }
    }

    return SAME_DOC;
}

/**
 * @see org.eclipse.emf.ecore.xmi.impl.XMLSaveImpl#sameDocSingle(org.eclipse.emf.ecore.EObject,
 *     org.eclipse.emf.ecore.EStructuralFeature)
 */
protected int sameDocSingle(EObject o, EStructuralFeature f) {
    EObject value = (EObject) helper.getValue(o, f);
    if (value == null) {
        return SKIP;
    } else if (value.eIsProxy()) {
        return CROSS_DOC;
    } else {
        return (isInResource(value)) ? SAME_DOC
            : CROSS_DOC;
    }
}

};
}

```

# 1.65 Eclipse Modeling Framework (EMF)

## 2.13.0

# 1.66 Eclipse OCL 1.3.0 :v200905271400

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```
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```

```
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```
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```
* EclipseSource - initial API and implementation
```

```
* IBM - ongoing development
```

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

```
package org.eclipse.equinox.p2.metadata;
```

```
import java.net.URI;
```

```
/**
```

```
* The ILicense interface represents a software license. A license has required body text  
* which may be the full text or an annotation. An optional URL field can be specified  
* which links to full text. Licenses can be easily compared using their digests.  
* Licenses can be added to arbitrary installable units, and will typically be displayed to  
* end users and require explicit agreement before installation proceeds.
```

```
* <p>
```

```
* Instances of this class are handle objects and do not necessarily  
* reflect entities that exist in any particular profile or repository. These handle  
* objects can be created using { @link MetadataFactory }.
```

```
* </p>
```

```
*
```

```
* @noimplement This interface is not intended to be implemented by clients.
```

```
* @noextend This interface is not intended to be extended by clients.
```

```
* @since 2.0
```

```
*/
```

```
public interface ILicense {
```

```
/**
```

```
* Returns the location of a document containing the full license.
```

```
*
```

```
* @return the location of the license document, or <code>null</code>
```

```
*/
```

```
public URI getLocation();
```

```

/**
 * Returns the license body.
 * @return the license body, never <code>null</code>
 */
public String getBody();

/**
 * Returns the message digest of the license body. The digest is calculated on a normalized
 * version of the license where all whitespace has been reduced to one space.
 *
 * @return the message digest as a <code>BigInteger</code>, never <code>null</code>
 */
public String getUUID();

/**
 * Returns whether this license is equal to the given object.
 *
 * This method returns <i>true</i> if:
 * <ul>
 * <li> Both this object and the given object are of type ILicense
 * <li> The result of <b>getDigest()</b> on both objects are equal
 * </ul>
 */
public boolean equals(Object obj);

}
/*****
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package org.eclipse.equinox.internal.p2.metadata;

import java.io.UnsupportedEncodingException;
import java.math.BigInteger;
import java.net.URI;
import java.security.MessageDigest;
import java.security.NoSuchAlgorithmException;
import org.eclipse.equinox.p2.metadata.ILicense;

/**
 * The <code>License</code> class represents a software license. A license has required body text

```

```

* which may be the full text or an annotation. An optional URL field can be specified
* which links to full text. Licenses can be easily compared using their digests.
*/
public class License implements ILicense {
/**
 * The <code>body</code> contains the descriptive text for the license. This may
 * be a summary for a full license specified in a URL.
 */
private final String body;

/**
 * The <code>location</code> is the URL of the license.
 */
private URI location;

/**
 * The <code>digest</code> is the cached message digest of the normalized body
 */
private String digest;

/**
 * Creates a new license object which is identified by users using the <code>body</code> field.
 * The body should contain either the full text of the license or an summary for a license
 * fully specified in the given location.
 *
 * @param location the location of a document containing the full license, or <code>null</code>
 * @param body the license body, cannot be <code>null</code>
 * @throws IllegalArgumentException when the <code>body</code> is <code>null</code>
 */
public License(URI location, String body, String uuid) {
if (body == null)
throw new IllegalArgumentException("body cannot be null"); //$NON-NLS-1$
this.body = body;
this.location = location;
this.digest = uuid;
}

/**
 * Returns the location of a document containing the full license.
 *
 * @return the location of the license document, or <code>null</code>
 */
public URI getLocation() {
return location;
}

/**
 * Returns the license body.

```

```

* @return the license body, never <code>null</code>
*/
public String getBody() {
    return body;
}

/**
* Returns the message digest of the license body. The digest is calculated on a normalized
* version of the license where all whitespace has been reduced to one space.
* @return the message digest as a <code>BigInteger</code>, never <code>null</code>
*/
public synchronized String getUUID() {
    if (digest == null)
        digest = calculateLicenseDigest().toString(16);

    return digest;
}

/* (non-Javadoc)
* @see java.lang.Object#equals(java.lang.Object)
*/
public boolean equals(Object obj) {
    if (obj == this)
        return true;
    if (obj == null)
        return false;
    if (obj instanceof ILicense) {
        ILicense other = (ILicense) obj;
        if (other.getUUID().equals(getUUID()))
            return true;
    }
    return false;
}

/* (non-Javadoc)
* @see java.lang.Object#hashCode()
*/
public int hashCode() {
    return getUUID().hashCode();
}

private BigInteger calculateLicenseDigest() {
    String message = normalize(getBody());
    try {
        MessageDigest algorithm = MessageDigest.getInstance("MD5"); //$NON-NLS-1$
        algorithm.reset();
        algorithm.update(message.getBytes("UTF-8")); //$NON-NLS-1$
        byte[] digestBytes = algorithm.digest();

```

```

    return new BigInteger(1, digestBytes);
} catch (NoSuchAlgorithmException e) {
    throw new RuntimeException(e);
} catch (UnsupportedEncodingException e) {
    throw new RuntimeException(e);
}
}

/**
 * Replace all sequences of whitespace with a single whitespace character.
 */
private String normalize(String license) {
    String text = license.trim();
    StringBuffer result = new StringBuffer();
    int length = text.length();
    for (int i = 0; i < length; i++) {
        char c = text.charAt(i);
        boolean foundWhitespace = false;
        while (Character.isWhitespace(c) && i < length) {
            foundWhitespace = true;
            c = text.charAt(++i);
        }
        if (foundWhitespace)
            result.append(' ');
        if (i < length)
            result.append(c);
    }
    return result.toString();
}

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 * http://www.eclipse.org/legal/epl-v10.html
 *
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 *****/
package org.eclipse.equinox.internal.p2.metadata;

import java.net.URI;
import org.eclipse.equinox.p2.metadata.ICopyright;

/**
 * The <code>Copyright</code> class represents a software copyright. A copyright has
 * required body text which may be the full text or a summary. An optional location field can be specified

```



```

* which links to full text.
*/
public class Copyright implements ICopyright {
/**
 * The <code>body</code> contains the descriptive text for the copyright. This may
 * be a summary for a copyright specified in a URL.
 */
private final String body;

/**
 * The <code>location</code> is the location of a document containing a copyright notice.
 */
private URI location;

/**
 * Creates a new copyright. The body must contain the full text of the copyright.
 *
 * @param location the location of a document containing the copyright notice, or <code>null</code>
 * @param body the copyright body, cannot be <code>null</code>
 * @throws IllegalArgumentException when the <code>body</code> is <code>null</code>
 */
public Copyright(URI location, String body) {
if (body == null)
throw new IllegalArgumentException("body cannot be null"); //$NON-NLS-1$
this.location = location;
this.body = body;
}

/**
 * Returns the location of a document containing the copyright notice.
 *
 * @return The location of the copyright notice, or <code>null</code>
 */
public URI getLocation() {
return location;
}

/**
 * Returns the license body.
 *
 * @return the license body, never <code>null</code>
 */
public String getBody() {
return body;
}
}
/*****
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\*\*\*\*\*/

package org.eclipse.text.edits;

import org.eclipse.jface.text.BadLocationException;

import org.eclipse.jface.text.IDocument;

/\*\*

\* A `CopyingRangeMarker` can be used to track positions when executing  
 \* text edits. Additionally a copying range marker stores a local copy of the  
 \* text it captures when it gets executed.

\*

\* @since 3.0

\*/

public final class CopyingRangeMarker extends TextEdit {

private String fText;

/\*\*

\* Creates a new `CopyRangeMarker` for the given  
 \* offset and length.

\*

\* @param offset the marker's offset

\* @param length the marker's length

\*/

public CopyingRangeMarker(int offset, int length) {  
 super(offset, length);  
 }

/\*

\* Copy constructor

\*/

private CopyingRangeMarker(CopyingRangeMarker other) {  
 super(other);  
 fText= other.fText;  
 }

@Override

protected TextEdit doCopy() {  
 return new CopyingRangeMarker(this);  
 }

```

@Override
protected void accept0(TextEditVisitor visitor) {
    boolean visitChildren= visitor.visit(this);
    if (visitChildren) {
        acceptChildren(visitor);
    }
}

```

```

@Override
int performDocumentUpdating(IDocument document) throws BadLocationException {
    fText= document.get(getOffset(), getLength());
    fDelta= 0;
    return fDelta;
}

```

```

@Override
boolean deleteChildren() {
    return false;
}
}

```

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    </LanguageOptions>
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</component>

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```
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```

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## 1.76 GEF Draw2d 3.10.100

## 1.77 geronimo-specifications 1.4

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lib/csharp/src/Protocol/TField.cs  
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L. Peter Deutsch  
ghost@aladdin.com

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compiler/cpp/src/generate/t\_java\_generator.cc  
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compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.ll  
compiler/cpp/src/thrifty.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs

lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
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Go support for Protocol Buffers - Google's data interchange format

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# 1.79 Grafana status panel (vonage) 1.0.9

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# 1.80 grafana-diagram 1.4.5

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## 1.81 guava 25.1-jre

## 1.82 hamcrest-all 1.3

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## 1.84 hibernate 3.6.3 :Final-Cisco-Patched-1

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# 1.86 http-status-codes 1.3.0

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## 1.89 influxdb 1.4.2 :6d2685d

### 1.89.1 Available under license :

# List

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## 1.90 j2objc-annotations 1.1

### 1.90.1 Available under license :

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
```

```

<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

```

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```

```

</head>

```

```

<body>

```

```

<!-- Navigation -->

```

```

<header>

```

```

<nav class="navbar navbar-default navbar-fixed-top">

```

```

  <div class="container">

```

```

    <div class="navbar-header">

```

```

      <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

```

```

        <span class="sr-only">Toggle navigation</span>

```

```

        <span class="icon-bar"></span>

```

```

        <span class="icon-bar"></span>

```

```

        <span class="icon-bar"></span>

```

```

      </button>

```

```

      <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

```

```

    </div>

```

```

    <div class="collapse navbar-collapse" id="mainnav-collapse">

```

```

      <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&nbsp;<a
href="/licenses/">Licenses</a></div>

```

```

      <ul class="nav navbar-nav navbar-right">

```

```

        <li class="dropdown">

```

```

          <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>

```

```

          <ul class="dropdown-menu" role="menu">

```

```

            <li><a href="/foundation">Overview</a></li>

```

```

            <li><a href="/foundation/members.html">Members</a></li>

```

```

            <li><a href="/foundation/how-it-works.html">Process</a></li>

```

```

            <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>

```

```

<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/foundation/preFAQ.html">FAQ</a></li>
<li><a href="/foundation/contact.html ">Contact</a></li>
</ul>
</li>
<li><a href="/index.html#projects-list">Projects</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
<li><a href="http://people.apache.org/">Overview</a></li>
<li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
  </ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/contributing.html">Donations</a></li>
<li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
  <div class="col-md-6 col-sm-5 col-xs-12">
    
  </div>

```

```

<div class="col-md-3 col-sm-3 col-xs-6">
<a href="http://apache.org/foundation/contributing.html" title="Support Apache">
  
</a>
</div>
<div class="col-md-3 col-sm-4 col-xs-6">
  <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];
s.parentNode.insertBefore(gcse, s);
})();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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</pre></div></div>

<!-- Footer -->

<footer class="bg-primary">

<div class="container">

<div class="row">

<br />

<div class="col-sm-1">

</div>

<div class="col-sm-2">

<h5 class="white">Community</h5>

<ul class="list-unstyled white" role="menu">

<li><a href="http://community.apache.org/">Overview</a></li>

<li><a href="/foundation/conferences.html">Conferences</a></li>

<li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>

<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>

<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>

<li><a href="/travel/">Travel Assistance</a></li>

<li><a href="/foundation/getinvolved.html">Get Involved</a></li>

<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>

<li><a href="/memorials/">Memorials</a></li>

```
</ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Innovation</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://incubator.apache.org/">Incubator</a></li>
    <li><a href="http://labs.apache.org/">Labs</a></li>
    <li><a href="/licenses/">Licensing</a></li>
    <li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/legal/">Legal Affairs</a></li>
    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```

    </ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright © 2017 The Apache Software Foundation, Licensed under the <a
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Foundation.</p>
  </div>
</div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

# 1.91 jackson-annotations 2.4.3

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## 1.110 jquery 3.3.1

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```

```
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# 1.116 krb5-libs 1.15.1 :34.e17

## 1.116.1 Available under license :

```
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```

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# This program is intended to be used by "make check-copyright". It  
# checks for violations of the coding standards related to copyright
```

```

# and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if ' -*- mode: c;' in lines[ln]:
        ln += 1

    # Check filename comment if present.
    m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1

    # Scan for license statements.
    in_comment = False
    code_seen = False

```

```

nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'\s.*?\s*/', '', line)
        line = line.strip()

    if not in_comment and '/' in line:
        (line, sep, comment_part) = line.partition('/')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

```

```

ln += 1

```

```

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

```

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=====

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information.

.. \_mitK5license:

MIT Kerberos License information

=====

.. toctree::

:hidden:

copyright.rst

.. include:: notice.rst

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>MIT Kerberos License information &mdash; MIT Kerberos Documentation</title>
```

```
<link rel="stylesheet" href="_static/agogo.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/pygments.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/kerb.css" type="text/css" />
```

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

```
var DOCUMENTATION_OPTIONS = {
```

```
    URL_ROOT:    './',
```

```
    VERSION:    '1.15.1',
```

```
    COLLAPSE_INDEX: false,
```

```
    FILE_SUFFIX: '.html',
```

```
    HAS_SOURCE: true
```

```
};
```

```
</script>
```

```
<script type="text/javascript" src="_static/jquery.js"></script>
```

```
<script type="text/javascript" src="_static/underscore.js"></script>
```

```
<script type="text/javascript" src="_static/doctools.js"></script>
```

```
<link rel="author" title="About these documents" href="about.html" />
```

```
<link rel="copyright" title="Copyright" href="copyright.html" />
```

```
<link rel="top" title="MIT Kerberos Documentation" href="index.html" />
```

```
<link rel="up" title="MIT Kerberos features" href="mitK5features.html" />
```

```
<link rel="next" title="Copyright" href="copyright.html" />
```

```
<link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
```

```
</head>
```

```
<body>
```

```
<div class="header-wrapper">
```

```
<div class="header">
```

```
<h1><a href="index.html">MIT Kerberos Documentation</a></h1>
```

```
<div class="rel">
```

```
<a href="index.html" title="Full Table of Contents"
```

```
accesskey="C">Contents</a> |
```

```

<a href="mitK5features.html" title="MIT Kerberos features"
  accesskey="P">previous</a> |
<a href="copyright.html" title="Copyright"
  accesskey="N">next</a> |
<a href="genindex.html" title="General Index"
  accesskey="I">index</a> |
<a href="search.html" title="Enter search criteria"
  accesskey="S">Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
  </div>
</div>
</div>

<div class="content-wrapper">
<div class="content">
  <div class="document">

<div class="documentwrapper">
  <div class="bodywrapper">
    <div class="body">

<div class="section" id="mit-kerberos-license-information">
<span id="mitk5license"></span><h1>MIT Kerberos License information<a class="headerlink" href="#mit-
kerberos-license-information" title="Permalink to this headline"></a></h1>
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<div class="highlight-python"><div class="highlight"><pre><span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">generic</span><span class="o">/</span><span class="n">gssapi\_err\_generic</span><span class="o">.</span><span class="n">et</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_accept\_sec\_context</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_acquire\_cred</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_canon\_name</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_compare\_name</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_context\_time</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_delete\_sec\_context</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_dsp\_name</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">





```
class="n">kdb_convert</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">.</span><span class="n">kdb</span><span class="o">.</span><span class="n">c</span>
<span class="n">kdb_log</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o">.</span><span class="n">kdb</span><span class="o">.</span><span class="n">kdb_log</span><span class="o">.</span><span class="n">h</span>
<span class="n">lib</span><span class="o">.</span><span class="n">krb5</span><span class="o">.</span><span class="n">error_tables</span><span class="o">.</span><span class="n">kdb5_err</span><span class="o">.</span><span class="n">et</span>
<span class="n">slave</span><span class="o">.</span><span class="n">kpropd_rpc</span><span class="o">.</span><span class="n">c</span>
<span class="n">slave</span><span class="o">.</span><span class="n">kproplog</span><span class="o">.</span><span class="n">c</span>
</pre></div>
```

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lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c



lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
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<h4>Search</h4>

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  <input type="submit" value="Go" />
  <input type="hidden" name="check_keywords" value="yes" />
  <input type="hidden" name="area" value="default" />
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in  
`src/lib/gssapi`, including the following files:

.. parsed-literal::

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

.. parsed-literal::

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
```

lib/kdb/iprof.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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```

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```

```
# This program is intended to be used by "make check-copyright". It
```

```
# checks for violations of the coding standards related to copyright
```

```
# and license statements in source code comments.
```

```

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if ' -*- mode: c;' in lines[ln]:
        ln += 1

    # Check filename comment if present.
    m = re.match(r'^* ([^ ]*)( - .*)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1

    # Scan for license statements.
    in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:

```

```

# Strip out whitespace and comments contained within a line.
if not in_comment:
    line = re.sub(r'\s.*?\s/', "", line)
line = line.strip()

if not in_comment and '/*' in line:
    (line, sep, comment_part) = line.partition('/*')
    comment = [comment_part.strip()]
    comment_starts_at = ln
    in_comment = True
elif in_comment and '*/' not in line:
    comment.append(line.lstrip('*').rstrip())
elif in_comment:
    (comment_part, sep, line) = line.partition('*/')
    comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                               code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
elif line.strip() != "":
    code_seen = True

ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

```

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=====

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# This program is intended to be used by "make check-copyright". It
# checks for violations of the coding standards related to copyright
# and license statements in source code comments.
```

```
import os
import sys
import re
```

```
def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)
```

```
def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line
```

```
# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
```

```
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license
```

```
def check_file(lines, fname):
```

```

# Skip emacs mode line if present.
ln = 0
if '-*- mode: c;' in lines[ln]:
    ln += 1

# Check filename comment if present.
m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'^\*.*?\*/', '', line)
    line = line.strip()

    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

```

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```
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- cmd/krb5/kadmin/server/ipropld\_svc.c
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- cmd/krb5/slave/kpropd\_rpc.c
- lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c
- lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h
- lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c
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- lib/krb5/kdb/kdb\_log.c
- lib/krb5/kdb/kdb\_log.h
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- lib/libgss/g\_acquire\_cred.c
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lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>MIT Kerberos License information &mdash; MIT Kerberos Documentation</title>
```

```
<link rel="stylesheet" href="_static/agogo.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/pygments.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/kerb.css" type="text/css" />
```

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

```
var DOCUMENTATION_OPTIONS = {
```

```
    URL_ROOT:    '.',
```

```
    VERSION:    '1.15.1',
```

```
    COLLAPSE_INDEX: false,
```

```
    FILE_SUFFIX: '.html',
```

```
    HAS_SOURCE: true
```

```
};
```

```
</script>
```

```
<script type="text/javascript" src="_static/jquery.js"></script>
```

```
<script type="text/javascript" src="_static/underscore.js"></script>
```

```
<script type="text/javascript" src="_static/doctools.js"></script>
```

```
<link rel="author" title="About these documents" href="about.html" />
```

```
<link rel="copyright" title="Copyright" href="copyright.html" />
```

```
<link rel="top" title="MIT Kerberos Documentation" href="index.html" />
```

```
<link rel="up" title="MIT Kerberos features" href="mitK5features.html" />
```

```
<link rel="next" title="Copyright" href="copyright.html" />
```

```
<link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
```

```
</head>
```

```
<body>
```

```
<div class="header-wrapper">
```

```
<div class="header">
```

```
<h1><a href="index.html">MIT Kerberos Documentation</a></h1>
```

```
<div class="rel">
```

```
<a href="index.html" title="Full Table of Contents"
```

```

    accesskey="C">Contents</a> |
<a href="mitK5features.html" title="MIT Kerberos features"
    accesskey="P">previous</a> |
<a href="copyright.html" title="Copyright"
    accesskey="N">next</a> |
<a href="genindex.html" title="General Index"
    accesskey="I">index</a> |
<a href="search.html" title="Enter search criteria"
    accesskey="S">Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
    </div>
</div>
</div>

<div class="content-wrapper">
<div class="content">
<div class="document">

<div class="documentwrapper">
<div class="bodywrapper">
<div class="body">

<div class="section" id="mit-kerberos-license-information">
<span id="mitk5license"></span><h1>MIT Kerberos License information<a class="headerlink" href="#mit-
kerberos-license-information" title="Permalink to this headline"></a></h1>
<div class="toctree-wrapper compound">
</div>
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<hr class="docutils" />

<blockquote>

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<p>The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in

<tt class="docutils literal"><span class="pre">src/lib/gssapi</span></tt>, including the following files:</p>

<div class="highlight-python"><div class="highlight"><pre><span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">generic</span><span class="o">/</span><span class="n">gssapi\_err\_generic</span><span class="o">.</span><span class="n">et</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_accept\_sec\_context</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_acquire\_cred</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_canon\_name</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_compare\_name</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_context\_time</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_delete\_sec\_context</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_dsp\_name</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">







```
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">kdb_convert</span><span class="o"></span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span class="n">h</span>
<span class="n">lib</span><span class="o"></span><span class="n">krb5</span><span class="o"></span><span class="n">error_tables</span><span class="o"></span><span class="n">kdb5_err</span><span class="o"></span><span class="n">et</span>
<span class="n">slave</span><span class="o"></span><span class="n">kpropd_rpc</span><span class="o"></span><span class="n">c</span>
<span class="n">slave</span><span class="o"></span><span class="n">kproplog</span><span class="o"></span><span class="n">c</span>
</pre></div>
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  >index</a> |
<a href="search.html" title="Enter search criteria"
  >Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
</div>
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in ``src/lib/gssapi``, including the following files:

.. parsed-literal::

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
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:

.. parsed-literal::

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c



lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
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  
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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

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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  
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## 1.117 kryo 5.0.0.RC2

## 1.118 LALR Parser Generator 1.1.0 :1.1.0

## 1.118.1 Available under license :

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<html xmlns:o="urn:schemas-microsoft-com:office:office"
xmlns:w="urn:schemas-microsoft-com:office:word"
xmlns="http://www.w3.org/TR/REC-html40">
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mso-font-pitch:variable;
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margin-left:0in;
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font-size:12.0pt;
font-family:"Times New Roman";
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mso-fareast-font-family:"Times New Roman";}
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</p>

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```

## 1.119 libcom\_err 1.42.9 :13.el7

### 1.119.1 Available under license :

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

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

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
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Theodore Ts'o

23-June-2007

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Index: tdbsa/tdb.c

-----  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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#

# This 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): \$(OBS)

(cd pic; ld -Bshareable -o \$(BSD\_LIB) \$(LD\_FLAGS) \$(OBS))

\$(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)

@\$(LD\_CONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$BSDLIB\_INSTALL\_DIR/\$(BSD\_LIB)

clean::

\$(RM) -rf pic

\$(RM) -f \$(BSD\_LIB)

\$(RM) -f ../\$(BSD\_LIB)

This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Gadi Oxman, August 1995

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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

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Theodore Ts'o  
23-June-2007

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

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Gadi Oxman, August 1995

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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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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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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) $(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)
```

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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
+ Copyright (C) Andrew Tridgell      1999-2005
+ Copyright (C) Jeremy Allison      2000-2006
+ Copyright (C) Paul `Rusty' Russell  2000

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```

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```
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# This program is intended to be used by "make check-copyright". It
```

```

# checks for violations of the coding standards related to copyright
# and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1

    # Check filename comment if present.
    m = re.match(r'\^* ([^ ]*)( - .*)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1

    # Scan for license statements.
    in_comment = False

```



```

code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'^\s.*?\s*/', '', line)
        line = line.strip()

    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('/*')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

```

```

ln += 1

```

```

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
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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  
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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

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
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<html xmlns="http://www.w3.org/1999/xhtml">
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<head>
```

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<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
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<link rel="stylesheet" href="_static/agogo.css" type="text/css" />
```

```
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```

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```

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```

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```

```
<link rel="author" title="About these documents" href="about.html" />
```

```
<link rel="copyright" title="Copyright" href="#" />
```

```
<link rel="top" title="MIT Kerberos Documentation" href="index.html" />
```

```
<link rel="up" title="MIT Kerberos License information" href="mitK5license.html" />
```

```
<link rel="next" title="How to build this documentation from the source" href="build_this.html" />
```

```
<link rel="prev" title="MIT Kerberos License information" href="mitK5license.html" />
```

```
</head>
```

```
<body>
```

```
<div class="header-wrapper">
```

```
<div class="header">
```

<h1><a href="index.html">MIT Kerberos Documentation</a></h1>

<div class="rel">

<a href="index.html" title="Full Table of Contents"  
accesskey="C">Contents</a> |  
<a href="mitK5license.html" title="MIT Kerberos License information"  
accesskey="P">previous</a> |  
<a href="build\_this.html" title="How to build this documentation from the source"  
accesskey="N">next</a> |  
<a href="genindex.html" title="General Index"  
accesskey="I">index</a> |  
<a href="search.html" title="Enter search criteria"  
accesskey="S">Search</a> |  
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation\_\_Copyright">feedback</a>  
</div>  
</div>  
</div>

<div class="content-wrapper">  
<div class="content">  
<div class="document">

<div class="documentwrapper">  
<div class="bodywrapper">  
<div class="body">

<div class="section" id="copyright">  
<h1>Copyright<a class="headerlink" href="#copyright" title="Permalink to this headline"></a></h1>  
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information.</p>  
</div>

</div>  
</div>  
</div>  
</div>  
<div class="sidebar">  
<h2>On this page</h2>  
<ul>  
<li><a class="reference internal" href="#">Copyright</a></li>  
</ul>

```
<br/>
<h2>Table of contents</h2>
<ul>
<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>
<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>
<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module
developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>
<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>
<li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>
<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
<li class="toctree-l1"><a class="reference internal" href="build_this.html">How to build this documentation from
the source</a></li>
<li class="toctree-l1"><a class="reference internal" href="about.html">Contributing to the MIT Kerberos
Documentation</a></li>
<li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>
</ul>
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<h4>Search</h4>
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  <input type="submit" value="Go" />
  <input type="hidden" name="check_keywords" value="yes" />
  <input type="hidden" name="area" value="default" />
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</div>
<div class="clearer"></div>
</div>
</div>
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  <div class="footer" >
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    &copy; <a href="#">Copyright</a> 1985-2017, MIT.
    </div>
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      <a href="index.html" title="Full Table of Contents"
        >Contents</a> |
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        >previous</a> |
      <a href="build_this.html" title="How to build this documentation from the source"
        >next</a> |
      <a href="genindex.html" title="General Index"
        >index</a> |
```



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    <a href="search.html" title="Enter search criteria"
      >Search</a> |
  <a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
    </div>
  </div>
</div>

</body>
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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

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<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

  <title>MIT Kerberos License information &mdash; MIT Kerberos Documentation</title>

  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
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      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE:  true
    };
  </script>
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  <script type="text/javascript" src="_static/underscore.js"></script>
  <script type="text/javascript" src="_static/doctools.js"></script>
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  <link rel="next" title="Copyright" href="copyright.html" />
  <link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
</head>
<body>
  <div class="header-wrapper">
    <div class="header">

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```

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    <div class="rel">

    <a href="index.html" title="Full Table of Contents"
      accesskey="C">Contents</a> |
    <a href="mitK5features.html" title="MIT Kerberos features"
      accesskey="P">previous</a> |
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    </div>
  </div>
</div>

<div class="content-wrapper">
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    <div class="document">

      <div class="documentwrapper">
        <div class="bodywrapper">
          <div class="body">

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<div class="highlight-python"><div class="highlight"><pre><span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">generic</span><span class="o">/</span><span class="n">gssapi\_err\_generic</span><span class="o">.</span><span class="n">et</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_accept\_sec\_context</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_acquire\_cred</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_canon\_name</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_compare\_name</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_context\_time</span><span class="o">.</span><span class="n">c</span></pre>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g\_delete\_sec\_context</span><span class="o">.</span><span class="n">c</span></pre>







```
<span class="n">kadmin</span><span class="o"></span><span class="n">server</span><span
class="o"></span><span class="n">ipropd_svc</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span
class="n">iprop</span><span class="o">.</span><span class="n">x</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span
class="n">kdb_convert</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span
class="n">kdb_log</span><span class="o">.</span><span class="n">c</span>
<span class="n">lib</span><span class="o"></span><span class="n">kdb</span><span class="o"></span><span
class="n">kdb_log</span><span class="o">.</span><span class="n">h</span>
<span class="n">lib</span><span class="o"></span><span class="n">krb5</span><span
class="o"></span><span class="n">error_tables</span><span class="o"></span><span
class="n">kdb5_err</span><span class="o">.</span><span class="n">et</span>
<span class="n">slave</span><span class="o"></span><span class="n">kpropd_rpc</span><span
class="o">.</span><span class="n">c</span>
<span class="n">slave</span><span class="o"></span><span class="n">kproplog</span><span
class="o">.</span><span class="n">c</span>
</pre></div>
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    <input type="submit" value="Go" />
    <input type="hidden" name="check_keywords" value="yes" />
    <input type="hidden" name="area" value="default" />
  </form>
  </div>
  <div class="clearer"></div>
</div>
</div>

<div class="footer-wrapper">
  <div class="footer" >
    <div class="right" ><i>Release: 1.15.1</i><br />
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  </div>

```

```
<div class="left">

<a href="index.html" title="Full Table of Contents"
  >Contents</a> |
<a href="mitK5features.html" title="MIT Kerberos features"
  >previous</a> |
<a href="copyright.html" title="Copyright"
  >next</a> |
<a href="genindex.html" title="General Index"
  >index</a> |
<a href="search.html" title="Enter search criteria"
  >Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
</div>
</div>
</div>
```

```
</body>
```

```
</html>
```

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

.. parsed-literal::

```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
```

lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
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:

.. parsed-literal::

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
```



lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
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lib/libgss/g\_inquire\_cred.c  
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lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
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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  
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to

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

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

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

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

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# 1.128 libsepol 2.5 :10.e17

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Ty Coon, President of Vice

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## 1.129 libsodium 1.0.16 :1.e17

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/\*

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\*

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## 1.130 libss 1.42.9 :13.el7

### 1.130.1 Available under license :

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

all:: image

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

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

image: $(BSD_LIB)

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

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

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Theodore Ts'o  
23-June-2007

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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Gadi Oxman, August 1995

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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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```
#
# 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) $(LD_FLAGS) $(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)/$(BSD_LIB)
@-$(LD_CONFIG)
```

```
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)
/*
```

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\*/

Index: tdbsa/tdb.c

-----  
--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

\*/

/\*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version
  
- trivial database library - private includes
- 
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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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Theodore Ts'o  
23-June-2007

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Theodore Ts'o  
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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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[tsx-11.mit.edu:/pub/linux/packages/ext2fs/](http://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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```
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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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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
```

# In order to use this stub, the following makefile variables must be defined.

#

# BSDLIB\_VERSION = 1.0

# BSDLIB\_IMAGE = libce

# BSDLIB\_MYDIR = et

# BSDLIB\_INSTALL\_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD\_LIB = \$(BSDLIB\_IMAGE).so.\$(BSDLIB\_VERSION)

BSDLIB\_PIC\_FLAG = -fpic

image: \$(BSD\_LIB)

\$(BSD\_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD\_LIB) \$(LDFLAGS) \$(OBJS))

\$(MV) pic/\$(BSD\_LIB) .

\$(RM) -f ../\$(BSD\_LIB)

(cd ..; \$(LN) \$(LINK\_BUILD\_FLAGS) \

`echo \$(my\_dir) | sed -e 's/lib/;`"/\$(BSD\_LIB) \$(BSD\_LIB))

install-shlibs install:: \$(BSD\_LIB)

@echo " INSTALL\_PROGRAM \$(BSDLIB\_INSTALL\_DIR)/\$(BSD\_LIB)"

@\$(INSTALL\_PROGRAM) \$(BSD\_LIB) \

\$(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)

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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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```
/* lib/font/fontfile/gunzip.c
   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
   intended for inclusion in X11 public releases. */
```

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\*

\*\*\*\*\*

\*

\* Private functions, types, etc. used for callback functions.

\*

\* The ref pointer is an opaque type and should remain as such.

\* Private data must only be accessible through the getter and

\* setter functions.

\*

\*\*\*\*\*/

# libtool (GNU libtool) 2.4.2

# Written by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996

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Includes lib/servlet-api-2.4.jar from Apache Tomcat

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Upstream-Contact: Yann Collet <[Cyan4973@github.com](mailto:Cyan4973@github.com)>

Source: <https://github.com/lz4/lz4>

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## 1.142 mapstruct 1.2.0.Final

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## 1.144 moshi 1.5.0

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January 12, 2009

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# 1.148 Nebula TableCombo

## 1.0.0.201107181537

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## 1.150 node-ip 1.1.5

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## 1.152 okhttp 3.9.1

## 1.153 openjdk-8 1.8.0\_212

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```

```
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```

```
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```

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```

\*/

```
package build.tools.cldrconverter;
```

```
import java.util.Calendar;
import java.util.GregorianCalendar;
import java.util.Locale;
import java.util.TimeZone;
```

```
class CopyrightHeaders {
```

```
    private static final String ORACLE2012 =
```

```
        "/*\n" +
        " * Copyright (c) %d, Oracle and/or its affiliates. All rights reserved.\n" +
        " */\n";
```

```
    private static final String ORACLE_AFTER2012 =
```

```
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        " * Copyright (c) 2012, %d, Oracle and/or its affiliates. All rights reserved.\n" +
        " */\n";
```

```
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```

```
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```

```
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```

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" * or visit www.oracle.com if you need additional information or have any\n" +
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" */\n";

```

```
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" * or visit www.oracle.com if you need additional information or have any\n" +
" * questions.\n" +
" */\n";

```

```

static String getOracleCopyright() {
    int year = getYear();
    return String.format(year > 2012 ? ORACLE_AFTER2012 : ORACLE2012, year);
}

static String getUnicodeCopyright() {
    return UNICODE;
}

static String getOpenJDKCopyright() {
    int year = getYear();
    return String.format(year > 2012 ? OPENJDK_AFTER2012 : OPENJDK2012, year);
}

private static int getYear() {
    return new GregorianCalendar(TimeZone.getTimeZone("America/Los_Angeles"),
        Locale.US).get(Calendar.YEAR);
}

// no instantiation
private CopyrightHeaders() {
}
}

```

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Glenn Randers-Pehrson  
glennrp at users.sourceforge.net

July 15, 2018

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\* questions.

\*/

package java.security;

/\*\*

\* Abstract class for representing access to a system resource.  
\* All permissions have a name (whose interpretation depends on the subclass),  
\* as well as abstract functions for defining the semantics of the  
\* particular Permission subclass.  
\*  
\* <p>Most Permission objects also include an "actions" list that tells the actions  
\* that are permitted for the object. For example,  
\* for a { @code java.io.FilePermission } object, the permission name is  
\* the pathname of a file (or directory), and the actions list  
\* (such as "read, write") specifies which actions are granted for the  
\* specified file (or for files in the specified directory).  
\* The actions list is optional for Permission objects, such as  
\* { @code java.lang.RuntimePermission },  
\* that don't need such a list; you either have the named permission (such  
\* as "system.exit") or you don't.

\*

\* <p>An important method that must be implemented by each subclass is  
\* the { @code implies } method to compare Permissions. Basically,

- \* "permission p1 implies permission p2" means that
- \* if one is granted permission p1, one is naturally granted permission p2.
- \* Thus, this is not an equality test, but rather more of a
- \* subset test.
- \*
- \* <P> Permission objects are similar to String objects in that they
- \* are immutable once they have been created. Subclasses should not
- \* provide methods that can change the state of a permission
- \* once it has been created.
- \*
- \* @see Permissions
- \* @see PermissionCollection
- \*
- \*
- \* @author Marianne Mueller
- \* @author Roland Schemers
- \*/

```
public abstract class Permission implements Guard, java.io.Serializable {
```

```
    private static final long serialVersionUID = -5636570222231596674L;
```

```
    private String name;
```

```
    /**
```

```
     * Constructs a permission with the specified name.
```

```
     *
```

```
     * @param name name of the Permission object being created.
```

```
     *
```

```
    */
```

```
    public Permission(String name) {
```

```
        this.name = name;
```

```
    }
```

```
    /**
```

```
     * Implements the guard interface for a permission. The
```

```
     * {@code SecurityManager.checkPermission} method is called,
```

```
     * passing this permission object as the permission to check.
```

```
     * Returns silently if access is granted. Otherwise, throws
```

```
     * a SecurityException.
```

```
     *
```

```
     * @param object the object being guarded (currently ignored).
```

```
     *
```

```
     * @throws SecurityException
```

```
     *     if a security manager exists and its
```

```
     *     {@code checkPermission} method doesn't allow access.
```

```
     *
```

```

* @see Guard
* @see GuardedObject
* @see SecurityManager#checkPermission
*
*/
public void checkGuard(Object object) throws SecurityException {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null) sm.checkPermission(this);
}

/**
 * Checks if the specified permission's actions are "implied by"
 * this object's actions.
 * <P>
 * This must be implemented by subclasses of Permission, as they are the
 * only ones that can impose semantics on a Permission object.
 *
 * <p>The { @code implies } method is used by the AccessController to determine
 * whether or not a requested permission is implied by another permission that
 * is known to be valid in the current execution context.
 *
 * @param permission the permission to check against.
 *
 * @return true if the specified permission is implied by this object,
 * false if not.
 */

public abstract boolean implies(Permission permission);

/**
 * Checks two Permission objects for equality.
 * <P>
 * Do not use the { @code equals } method for making access control
 * decisions; use the { @code implies } method.
 *
 * @param obj the object we are testing for equality with this object.
 *
 * @return true if both Permission objects are equivalent.
 */

public abstract boolean equals(Object obj);

/**
 * Returns the hash code value for this Permission object.
 * <P>
 * The required { @code hashCode } behavior for Permission Objects is
 * the following:
 * <ul>

```



```

* <li>Whenever it is invoked on the same Permission object more than
* once during an execution of a Java application, the
* { @code hashCode } method
* must consistently return the same integer. This integer need not
* remain consistent from one execution of an application to another
* execution of the same application.
* </li>If two Permission objects are equal according to the
* { @code equals }
* method, then calling the { @code hashCode } method on each of the
* two Permission objects must produce the same integer result.
* </ul>
*
* @return a hash code value for this object.
*/

```

```
public abstract int hashCode();
```

```

/**
* Returns the name of this Permission.
* For example, in the case of a { @code java.io.FilePermission },
* the name will be a pathname.
*
* @return the name of this Permission.
*
*/

```

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

```

/**
* Returns the actions as a String. This is abstract
* so subclasses can defer creating a String representation until
* one is needed. Subclasses should always return actions in what they
* consider to be their
* canonical form. For example, two FilePermission objects created via
* the following:
*
* <pre>
* perm1 = new FilePermission(p1,"read,write");
* perm2 = new FilePermission(p2,"write,read");
* </pre>
*
* both return
* "read,write" when the { @code getActions } method is invoked.
*
* @return the actions of this Permission.
*

```

```

*/

public abstract String getActions();

/**
 * Returns an empty PermissionCollection for a given Permission object, or null if
 * one is not defined. Subclasses of class Permission should
 * override this if they need to store their permissions in a particular
 * PermissionCollection object in order to provide the correct semantics
 * when the {@code PermissionCollection.implies} method is called.
 * If null is returned,
 * then the caller of this method is free to store permissions of this
 * type in any PermissionCollection they choose (one that uses a Hashtable,
 * one that uses a Vector, etc).
 *
 * @return a new PermissionCollection object for this type of Permission, or
 * null if one is not defined.
 */

public PermissionCollection newPermissionCollection() {
    return null;
}

/**
 * Returns a string describing this Permission. The convention is to
 * specify the class name, the permission name, and the actions in
 * the following format: ('ClassName" "name" "actions"), or
 * ('ClassName" "name")' if actions list is null or empty.
 *
 * @return information about this Permission.
 */

public String toString() {
    String actions = getActions();
    if ((actions == null) || (actions.length() == 0)) { // OPTIONAL
        return "\"" + getClass().getName() + "\" \"\" + name + "\"";
    } else {
        return "\"" + getClass().getName() + "\" \"\" + name +
            "\"\" \"\" + actions + "\"";
    }
}

}

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* or visit www.oracle.com if you need additional information or have any
* questions.
*/
```

```
package java.security.acl;
```

```
/**
```

```
* This interface represents a permission, such as that used to grant
* a particular type of access to a resource.
```

```
*
```

```
* @author Satish Dharmaraj
```

```
*/
```

```
public interface Permission {
```

```
/**
```

```
* Returns true if the object passed matches the permission represented
* in this interface.
```

```
*
```

```
* @param another the Permission object to compare with.
```

```
*
```

```
* @return true if the Permission objects are equal, false otherwise
```

```
*/
```

```
public boolean equals(Object another);
```

```
/**
```

```
* Prints a string representation of this permission.
```

```
*
```

```
* @return the string representation of the permission.
```

```
*/
```

```
public String toString();
```

```
}
```

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#

# Version

# Uses Fedora Core 6 fonts and file paths.  
version=1

# Component Font Mappings

dialog.plain.latin-1=DejaVu LGC Sans  
dialog.plain.japanese-x0208=Sazanami Gothic  
dialog.plain.korean=Baekmuk Gulim  
dialog.plain.chinese-big5=AR PL ShanHeiSun Uni  
dialog.plain.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.bold.latin-1=DejaVu LGC Sans Bold  
dialog.bold.japanese-x0208=Sazanami Gothic  
dialog.bold.korean=Baekmuk Gulim  
dialog.bold.chinese-big5=AR PL ShanHeiSun Uni  
dialog.bold.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.italic.latin-1=DejaVu LGC Sans Oblique  
dialog.italic.japanese-x0208=Sazanami Gothic  
dialog.italic.korean=Baekmuk Gulim  
dialog.italic.chinese-big5=AR PL ShanHeiSun Uni  
dialog.italic.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.bolditalic.latin-1=DejaVu LGC Sans Bold Oblique  
dialog.bolditalic.japanese-x0208=Sazanami Gothic  
dialog.bolditalic.korean=Baekmuk Gulim  
dialog.bolditalic.chinese-big5=AR PL ShanHeiSun Uni  
dialog.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni

sansserif.plain.latin-1=DejaVu LGC Sans  
sansserif.plain.japanese-x0208=Sazanami Gothic  
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serif.plain.latin-1=DejaVu LGC Serif

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dialoginput.bolditalic.chinese-big5=AR PL ShanHeiSun Uni  
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sequence.allfonts=latin-1  
sequence.allfonts.Big5=chinese-big5,latin-1  
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1  
sequence.allfonts.EUC-KR=korean,latin-1  
sequence.allfonts.GB18030=chinese-gb18030,latin-1

sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

#### # Font File Names

filename.DejaVu\_LGC\_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf

filename.DejaVu\_LGC\_Sans\_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf

filename.DejaVu\_LGC\_Sans\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf

filename.DejaVu\_LGC\_Sans\_Bold\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf

filename.DejaVu\_LGC\_Sans\_Mono=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf

filename.DejaVu\_LGC\_Sans\_Mono\_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf

filename.DejaVu\_LGC\_Sans\_Mono\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Oblique.ttf

filename.DejaVu\_LGC\_Sans\_Mono\_Bold\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-BoldOblique.ttf

filename.DejaVu\_LGC\_Serif=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif.ttf

filename.DejaVu\_LGC\_Serif\_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Bold.ttf

filename.DejaVu\_LGC\_Serif\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Oblique.ttf

filename.DejaVu\_LGC\_Serif\_Bold\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-BoldOblique.ttf

filename.Sazanami\_Gothic=/usr/share/fonts/japanese/TrueType/sazanami-gothic.ttf

filename.Sazanami\_Mincho=/usr/share/fonts/japanese/TrueType/sazanami-mincho.ttf

filename.AR\_PL\_ShanHeiSun\_Uni=/usr/share/fonts/chinese/TrueType/uming.ttf

filename.AR\_PL\_ZenKai\_Uni=/usr/share/fonts/chinese/TrueType/ukai.ttf

filename.Baekmuk\_Gulim=/usr/share/fonts/korean/TrueType/gulim.ttf

filename.Baekmuk\_Batang=/usr/share/fonts/korean/TrueType/batang.ttf

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\*/

```
import org.somewhere.ws.EchoRequest;  
import org.somewhere.ws.EchoResponse;
```

```
public class CopyingResponse extends EchoResponse {
```

```
    public CopyingResponse() { }
```

```
    public CopyingResponse(EchoRequest request) {  
        content = request.getContent();  
    }  
}
```

```
/*
```

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* or visit www.oracle.com if you need additional information or have any  
* questions.  
*/
```

```
/**
```

```
*
```

```
*/
```

```
import java.rmi.Remote;  
public interface Legal extends Remote { };  
Mozilla Public License Version 2.0
```

```
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```

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# 1.160 org.apache.servicemix.bundles.okio

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## 1.163 org.eclipse.equinox.bidi 1.2.0

# 1.164

**org.eclipse.equinox.launcher.win32.win32.x86\_64 1.1.550 :v20170928-1359**

## 1.165 pagedown 1.1.0

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## THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel  
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Email domain: cam.ac.uk

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Cambridge, England.

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Written by: Zoltan Herczeg  
Email local part: hzmester  
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Written by: Zoltan Herczeg  
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## 1.167 pcre-devel 8.32 :17.el7

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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# 1.168 perl 5.16.3 :292.e17

## 1.168.1 Available under license :

From f5488561bdaab57380bf07e8e66778503a41aca3 Mon Sep 17 00:00:00 2001  
From: Father Chrysostomos <sprout@cpan.org>  
Date: Sun, 23 Sep 2012 12:42:15 -0700  
Subject: [PATCH] =?UTF-8?q?Don=E2=80=99t=20leak=20if=20hh=20copying=20dies?=  
MIME-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 8bit

When %^H is copied on entering a new scope, if it happens to have been tied it can die. This was resulting in leaks, because no protections were added to handle that case.

The two things that were leaking were the new hash in hv\_copy\_hints\_hv and the new value (for an element) in newSVsv.

By fixing newSVsv itself, this also fixes any potential leaks when other pieces of code call newSVsv on explosive values.

Petr Pizar: Ported to 5.16.3

---

```
hv.c      | 6++++++
sv.c      | 7++++---
t/op/svleak.t | 22+++++++
3 files changed, 31 insertions(+), 4 deletions(-)
```

```
diff --git a/hv.c b/hv.c
index 3c35341..29d6352 100644
--- a/hv.c
+++ b/hv.c
@@ -1440,6 +1440,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 const I32 riter = HvRITER_get(ohv);
 HE * const eiter = HvEITER_get(ohv);

+ ENTER;
+ SAVEFREESV(hv);
+
 while (hv_max && hv_max + 1 >= hv_fill * 2)
     hv_max = hv_max / 2;
 HvMAX(hv) = hv_max;
@@ -1461,6 +1464,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 }
 HvRITER_set(ohv, riter);
 HvEITER_set(ohv, eiter);
+
```

```

+ SvREFCNT_inc_simple_void_NN(hv);
+ LEAVE;
  }
  hv_magic(hv, NULL, PERL_MAGIC_hints);
  return hv;
diff --git a/sv.c b/sv.c
index a43feac..597d71b 100644
--- a/sv.c
+++ b/sv.c
@@ -8764,11 +8764,12 @@ Perl_newSVsv(pTHX_ register SV *const old)
Perl_ck_warner_d(aTHX_ packWARN(WARN_INTERNAL), "semi-panic: attempt to dup freed string");
return NULL;
  }
+ /* Do this here, otherwise we leak the new SV if this croaks. */
+ SvGETMAGIC(old);
  new_SV(sv);
- /* SV_GMAGIC is the default for sv_setv()
-  SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
+ /* SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
  with SvTEMP_off and SvTEMP_on round a call to sv_setsv. */
- sv_setsv_flags(sv, old, SV_GMAGIC | SV_NOSTEAL);
+ sv_setsv_flags(sv, old, SV_NOSTEAL);
  return sv;
}

diff --git a/t/op/svleak.t b/t/op/svleak.t
index 2f09af3..011c184 100644
--- a/t/op/svleak.t
+++ b/t/op/svleak.t
@@ -13,7 +13,7 @@ BEGIN {
  or skip_all("XS::APItest not available");
}

-plan tests => 23;
+plan tests => 24;

# run some code N times. If the number of SVs at the end of loop N is
# greater than (N-1)*delta at the end of loop 1, we've got a leak
@@ -176,3 +176,23 @@ leak(2, 0, sub {
  each %$h;
  undef $h;
}, 'tied hash iteration does not leak');
+
+# [perl #107000]
+package hhtie {
+  sub TIEHASH { bless [] }
+  sub STORE { $_[0][0]{$_[1]} = $_[2] }
+  sub FETCH { die if $explosive; $_[0][0]{$_[1]} }

```

```

+ sub FIRSTKEY { keys % {$_[0][0]}; each % {$_[0][0]} }
+ sub NEXTKEY { each % {$_[0][0]} }
+}
+leak(2,!!$Config{mad}, sub {
+ eval q`
+ BEGIN {
+ $hhtie::explosive = 0;
+ tie %^H, hhtie;
+ $^H{foo} = bar;
+ $hhtie::explosive = 1;
+ }
+ { 1; }
+ `;
+}, 'hint-hash copying does not leak');
--
1.8.1.4

```

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Version 1, February 1989

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```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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```
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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<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.>  
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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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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

```

-----
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#-----#
# Create test distribution
#-----#

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
    "license 'perl' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
);

}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);
}

```



```

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);

}

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
This module is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
---
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

```

# 1.169 perl-Carp 1.26 :244.e17

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```
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```

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any later version.
```

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```
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under certain conditions; type `show c' for details.
```

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```
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```

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

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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# 1.171 perl-Encode 2.51 :7.el7

## 1.171.1 Available under license :

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# 1.172 perl-Exporter 5.68 :3.el7

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# 1.173 perl-File-Path 2.09 :2.el7

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```
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```

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```
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This is free software, and you are welcome to redistribute it
```



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

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### **1.178.1 Available under license :**

From RPM File Metadata:GPL+ or Artistic

## **1.179 perl-PathTools 3.40 :5.el7**

### **1.179.1 Available under license :**

From RPM File Metadata:(GPL+ or Artistic) and BSD

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```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

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

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-----  
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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
use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#-----#
# Create test distribution
#-----#

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'perl',
    "license 'perl' is valid"
);
}

```

```

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'perl', "META license will be 'perl'" );
is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
);

}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);

}

```

# Test with alpha number

# vim:ts=2:sw=2:et:sta:sts=2

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## 1.182 perl-Pod-Simple 3.28 :4.e17

### 1.182.1 Available under license :

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# 1.183 perl-Pod-Usage 1.63 :3.el7

## 1.183.1 Available under license :

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# 1.184 perl-podlators 2.5.1 :3.el7

## 1.184.1 Available under license :

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# 1.185 perl-Scalar-List-Utills 1.27 :248.el7

## 1.185.1 Available under license :

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# 1.186 perl-Socket 2.010 :4.el7

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# 1.187 perl-Storable 2.45 :3.e17

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# 1.188 perl-Text-ParseWords 3.29 :4.e17

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Return-Path: rt-cpan-org-return@perl.org

Received: from zmta04.collab.prod.int.phx2.redhat.com (LHLO zmta04.collab.prod.int.phx2.redhat.com) (10.5.81.11) by zmail14.collab.prod.int.phx2.redhat.com with LMTP; Mon, 18 Nov 2013 11:06:10 -0500 (EST)

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Precedence: normal

Subject: [rt.cpan.org #90483] missing license file

From: "Alexandr Ciornii via RT" <bug-Text-ParseWords@rt.cpan.org>

Reply-To: bug-Text-ParseWords@rt.cpan.org

In-Reply-To: <rt-4.0.18-4704-1384789048-1647.90483-6-0@rt.cpan.org>

References: <RT-Ticket-90483@rt.cpan.org>

<rt-4.0.18-4704-1384789048-1647.90483-6-0@rt.cpan.org>

Message-ID: <rt-4.0.18-2172-1384790768-1347.90483-6-0@rt.cpan.org>

X-RT-Loop-Prevention: rt.cpan.org

RT-Ticket: rt.cpan.org #90483

Managed-BY: RT 4.0.18 (<http://www.bestpractical.com/rt/>)

RT-Originator: CHORNY@cpan.org

To: mmaslano@redhat.com

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

Content-Type: text/plain; charset="utf-8"

X-RT-Original-Encoding: utf-8

Date: Mon, 18 Nov 2013 11:06:08 -0500



X-RedHat-Spam-Score: -1.9 (BAYES\_00,SPF\_PASS,URIBL\_BLOCKED)

X-Scanned-By: MIMEDefang 2.68 on 10.5.11.23

X-Scanned-By: MIMEDefang 2.68 on 10.5.110.19

<URL: <https://rt.cpan.org/Ticket/Display.html?id=90483> >

On Mon Nov 18 10:37:28 2013, mmaslano@redhat.com wrote:

> It would be a big help if you have better defined license. License  
> text in .pm file would be enough.

Will do in next version.

> I found Perl license in Makefile.PL,  
> so we assumed it's Perl (GPL+ or Artistic). Is it correct?

yes

--

Alexandr Ciornii, <http://chorny.net>

## 1.189 perl-threads 1.87 :4.el7

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## 1.190 perl-threads-shared 1.43 :6.el7

### 1.190.1 Available under license :

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## 1.191 perl-Time-HiRes 1.9725 :3.el7

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## 1.192 perl-Time-Local 1.2300 :2.el7

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```

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```
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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html
xmlns="http://www.w3.org/1999/xhtml"><head><meta http-equiv="Content-Type" content="text/html;
charset=UTF-8" /><title>20.14.BSD Authentication</title><link rel="stylesheet" type="text/css"
href="stylesheet.css" /><link rev="made" href="pgsql-docs@lists.postgresql.org" /><meta name="generator"
content="DocBook XSL Stylesheets V1.79.1" /><link rel="prev" href="auth-pam.html" title="20.13.PAM
Authentication" /><link rel="next" href="client-authentication-problems.html" title="20.15.Authentication
Problems" /></head><body><div xmlns="http://www.w3.org/TR/xhtml1/transitional" class="navheader"><table
width="100%" summary="Navigation header"><tr><th colspan="5" align="center">20.14.BSD
Authentication</th></tr><tr><td width="10%" align="left"><a accesskey="p" href="auth-pam.html"
title="20.13.PAM Authentication">Prev</a></td><td width="10%" align="left"><a accesskey="u" href="client-
authentication.html" title="Chapter20.Client Authentication">Up</a></td><th width="60%"
align="center">Chapter20.Client Authentication</th><td width="10%" align="right"><a accesskey="h"
href="index.html" title="PostgreSQL 11.4 Documentation">Home</a></td><td width="10%" align="right"><a
accesskey="n" href="client-authentication-problems.html" title="20.15.Authentication
Problems">Next</a></td></tr></table><hr></div><div class="sect1" id="AUTH-BSD"><div
class="titlepage"><div><div><h2 class="title" style="clear: both">20.14.BSD
Authentication</h2></div></div></div><a id="id-1.6.7.21.2" class="indexterm"></a><p>
This authentication method operates similarly to
<code class="literal">password</code> except that it uses BSD Authentication
to verify the password. BSD Authentication is used only
to validate user name/password pairs. Therefore the user's role must
already exist in the database before BSD Authentication can be used
for authentication. The BSD Authentication framework is currently
only available on OpenBSD.
</p><p>
BSD Authentication in <span class="productname">PostgreSQL</span> uses
the <code class="literal">auth-postgresql</code> login type and authenticates with
the <code class="literal">postgresql</code> login class if that's defined
in <code class="filename">login.conf</code>. By default that login class does not
exist, and <span class="productname">PostgreSQL</span> will use the default login class.
</p><div class="note"><h3 class="title">Note</h3><p>
To use BSD Authentication, the PostgreSQL user account (that is, the
operating system user running the server) must first be added to
the <code class="literal">auth</code> group. The <code class="literal">auth</code> group
exists by default on OpenBSD systems.
</p></div></div><div class="navfooter"><hr /><table width="100%" summary="Navigation footer"><tr><td
width="40%" align="left"><a accesskey="p" href="auth-pam.html">Prev</a></td><td width="20%"
align="center"><a accesskey="u" href="client-authentication.html">Up</a></td><td width="40%"
align="right"><a accesskey="n" href="client-authentication-problems.html">Next</a></td></tr><tr><td
width="40%" align="left" valign="top">20.13.PAM Authentication</td><td width="20%" align="center"><a
accesskey="h" href="index.html">Home</a></td><td width="40%" align="right"
valign="top">20.15.Authentication Problems</td></tr></table></div></body></html>
```

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html
xmlns="http://www.w3.org/1999/xhtml"><head><meta http-equiv="Content-Type" content="text/html;
charset=UTF-8" /><title>Legal Notice</title><link rel="stylesheet" type="text/css" href="stylesheet.css" /><link
rev="made" href="pgsql-docs@lists.postgresql.org" /><meta name="generator" content="DocBook XSL
Stylesheets V1.79.1" /></head><body><div class="legalnotice" id="LEGALNOTICE"><p class="legalnotice-
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```

```

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/><link rev="made" href="pgsql-docs@lists.postgresql.org" /><meta name="generator" content="DocBook XSL
Stylesheets V1.79.1" /><link rel="prev" href="libpq-misc.html" title="34.11.Miscellaneous Functions" /><link
rel="next" href="libpq-events.html" title="34.13.Event System" /></head><body><div
xmlns="http://www.w3.org/TR/xhtml1/transitional" class="navheader"><table width="100%"
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width="10%" align="left"><a accesskey="p" href="libpq-misc.html" title="34.11.Miscellaneous
Functions">Prev</a></td><td width="10%" align="left"><a accesskey="u" href="libpq.html"
title="Chapter34.libpq - C Library">Up</a></td><th width="60%" align="center">Chapter34.<span
xmlns="http://www.w3.org/1999/xhtml" class="application">libpq</span> - C Library</th><td width="10%"

```

align="right"><a accesskey="h" href="index.html" title="PostgreSQL 11.4 Documentation">Home</a></td><td width="10%" align="right"><a accesskey="n" href="libpq-events.html" title="34.13.Event System">Next</a></td></tr></table><hr></hr></div><div class="sect1" id="LIBPQ-NOTICE-PROCESSING"><div class="titlepage"><div><div><h2 class="title" style="clear: both">34.12.Notice Processing</h2></div></div></div><a id="id-1.7.3.19.2" class="indexterm"></a><p>

Notice and warning messages generated by the server are not returned by the query execution functions, since they do not imply failure of the query. Instead they are passed to a notice handling function, and execution continues normally after the handler returns. The default notice handling function prints the message on `stderr`, but the application can override this behavior by supplying its own handling function.

</p><p>

For historical reasons, there are two levels of notice handling, called the notice receiver and notice processor. The default behavior is for the notice receiver to format the notice and pass a string to the notice processor for printing. However, an application that chooses to provide its own notice receiver will typically ignore the notice processor layer and just do all the work in the notice receiver.

</p><p>

The function `PQsetNoticeReceiver` [sets or examines the current notice receiver for a connection object](#). Similarly, `PQsetNoticeProcessor` [sets or examines the current notice processor](#).

</p><pre class="synopsis">

```
typedef void (*PQnoticeReceiver) (void *arg, const PGresult *res);
```

PQnoticeReceiver

```
PQsetNoticeReceiver(PGconn *conn,  
                   PQnoticeReceiver proc,  
                   void *arg);
```

```
typedef void (*PQnoticeProcessor) (void *arg, const char *message);
```

PQnoticeProcessor

```
PQsetNoticeProcessor(PGconn *conn,  
                    PQnoticeProcessor proc,  
                    void *arg);
```

</pre><p>

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is

returned.

</p><p>

When a notice or warning message is received from the server, or generated internally by `libpq`, the notice receiver function is called. It is passed the message in the form of a `PGRES_NONFATAL_ERROR` `PGresult`. (This allows the receiver to extract individual fields using `PQresultErrorField`, or obtain a complete preformatted message using `PQresultErrorMessage` or `PQresultVerboseErrorMessage`.) The same void pointer passed to `PQsetNoticeReceiver` is also passed. (This pointer can be used to access application-specific state if needed.)

</p><p>

The default notice receiver simply extracts the message (using `PQresultErrorMessage`) and passes it to the notice processor.

</p><p>

The notice processor is responsible for handling a notice or warning message given in text form. It is passed the string text of the message (including a trailing newline), plus a void pointer that is the same one passed to `PQsetNoticeProcessor`. (This pointer can be used to access application-specific state if needed.)

</p><p>

The default notice processor is simply:

</p><pre class="programlisting">

```
static void
defaultNoticeProcessor(void *arg, const char *message)
{
    fprintf(stderr, "%s", message);
}
```

</pre><p>

</p><p>

Once you have set a notice receiver or processor, you should expect that that function could be called as long as either the `PGconn` object or `PGresult` objects made from it exist. At creation of a `PGresult`, the `PGconn`'s current notice handling pointers are copied into the `PGresult` for possible use by functions like `PQgetvalue`.

</p></div><div class="navfooter"><hr /><table width="100%" summary="Navigation footer"><tr><td width="40%" align="left"><a accesskey="p" href="libpq-misc.html">Prev</a></td><td width="20%" align="center"><a accesskey="u" href="libpq.html">Up</a></td><td width="40%" align="right"><a accesskey="n" href="libpq-events.html">Next</a></td></tr><tr><td width="40%" align="left" valign="top">34.11.Miscellaneous Functions</td><td width="20%" align="center"><a accesskey="h" href="index.html">Home</a></td><td width="40%" align="right" valign="top">34.13.Event System</td></tr></table></div></body></html>

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\*

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\*-----\*/

# 1.197 python-deltarpm 3.6 :3.el7

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## 1.199 python-psutil 2.2.1 :1.el7

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## 1.200 python-zmq 15.3.0 :2.e17

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## 1.206 salt 2017.7.7

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salt.modules.win\_license module

=====

```
.. automodule:: salt.modules.win_license
   :members:
salt.states.win_license module
```

=====

```
.. automodule:: salt.states.win_license
```

:members:

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```
# -*- coding: utf-8 -*-
```

```
'''
```

This module allows you to manage windows licensing via slmgr.vbs

```
.. code-block:: bash
```

```
    salt '*' license.install XXXXX-XXXXX-XXXXX-XXXXX-XXXXX
```

```
'''
```

```
# Import Python Libs
```

```
from __future__ import absolute_import
```

```
import re
```

```
import logging
```

```
# Import Salt Libs
```

```
import salt.utils
```



```
log = logging.getLogger(__name__)
__virtualname__ = 'license'
```

```
def __virtual__():
    """
    Only work on Windows
    """
    if salt.utils.is_windows():
        return __virtualname__
    return False
```

```
def installed(product_key):
    """
    Check to see if the product key is already installed.
```

Note: This is not 100% accurate as we can only see the last 5 digits of the license.

CLI Example:

```
.. code-block:: bash
```

```
    salt '*' license.installed XXXXX-XXXXX-XXXXX-XXXXX-XXXXX
    """
    cmd = r'cscript C:\Windows\System32\slmgr.vbs /dli'
    out = __salt__['cmd.run'](cmd)
    return product_key[-5:] in out
```

```
def install(product_key):
    """
    Install the given product key
```

CLI Example:

```
.. code-block:: bash
```

```
    salt '*' license.install XXXXX-XXXXX-XXXXX-XXXXX-XXXXX
    """
    cmd = r'cscript C:\Windows\System32\slmgr.vbs /ipk {0}'.format(product_key)
    return __salt__['cmd.run'](cmd)
```

```
def uninstall():
    """
    Uninstall the current product key
```

CLI Example:

```
.. code-block:: bash

    salt '*' license.uninstall
'''
cmd = r'cscript C:\Windows\System32\slmgr.vbs /upk'
return __salt__['cmd.run'](cmd)
```

def activate():

```
'''
Attempt to activate the current machine via Windows Activation
```

CLI Example:

```
.. code-block:: bash

    salt '*' license.activate
'''
cmd = r'cscript C:\Windows\System32\slmgr.vbs /ato'
return __salt__['cmd.run'](cmd)
```

def licensed():

```
'''
Return true if the current machine is licensed correctly
```

CLI Example:

```
.. code-block:: bash

    salt '*' license.licensed
'''
cmd = r'cscript C:\Windows\System32\slmgr.vbs /dli'
out = __salt__['cmd.run'](cmd)
return 'License Status: Licensed' in out
```

def info():

```
'''
Return information about the license, if the license is not
correctly activated this will return None.
```

CLI Example:

```
.. code-block:: bash
```

```

    salt '*' license.info
'''
cmd = r'cscript C:\Windows\System32\slmgr.vbs /dli'
out = __salt__['cmd.run'](cmd)

match = re.search(r'Name: (.*)\r\nDescription: (.*)\r\nPartial Product Key: (.*)\r\nLicense Status: (.*)', out,
                  re.MULTILINE)

if match is not None:
    groups = match.groups()
    return {
        'name': groups[0],
        'description': groups[1],
        'partial_key': groups[2],
        'licensed': 'Licensed' in groups[3]
    }

return None
# -*- coding: utf-8 -*-
'''
Installation and activation of windows licenses
=====

Install and activate windows licenses

.. code-block:: yaml

XXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX:
    license.activate
'''

# Import python libs
from __future__ import absolute_import
import logging

# Import Salt Libs
import salt.utils

log = logging.getLogger(__name__)
__virtualname__ = 'license'

def __virtual__():
    '''
    Only work on Windows
    '''
    if salt.utils.is_windows():

```

```

    return __virtualname__
return False

def activate(name):
    """
    Install and activate the given product key

    name
        The 5x5 product key given to you by Microsoft

    """
    ret = {'name': name,
          'result': True,
          'comment': '',
          'changes': {}}

    product_key = name

    license_info = __salt__['license.info']()
    licensed = False
    key_match = False
    if license_info is not None:
        licensed = license_info['licensed']
        key_match = license_info['partial_key'] in product_key

    if not key_match:
        out = __salt__['license.install'](product_key)
        licensed = False
        if 'successfully' not in out:
            ret['result'] = False
            ret['comment'] += 'Unable to install the given product key is it valid?'
            return ret
    if not licensed:
        out = __salt__['license.activate']()
        if 'successfully' not in out:
            ret['result'] = False
            ret['comment'] += 'Unable to activate the given product key.'
            return ret
        ret['comment'] += 'Windows is now activated.'
    else:
        ret['comment'] += 'Windows is already activated.'
    return ret
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: salt
Upstream-Contact: salt-users@googlegroups.com
Source: https://github.com/saltstack/salt

```

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Files: salt/auth/pam.py

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Files: tests/utlils/cptestcase.py

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```
# -*- coding: utf-8 -*-
```

```
# Import Python libs
```

```
from __future__ import absolute_import
```

```
# Import Salt Libs
```

```
import salt.modules.win_license as win_license
```

```
# Import Salt Testing Libs
```

```
from tests.support.mixins import LoaderModuleMockMixin
```

```
from tests.support.unit import TestCase
```

```
from tests.support.mock import (
```

```
    MagicMock,
```

```
    patch
```

```
)
```

```
class LicenseTestCase(TestCase, LoaderModuleMockMixin):
```

```
    def setup_loader_modules(self):
```

```
        return {win_license: {}}
```

```
    def test_installed(self):
```

```
        """
```

```
        Test to see if the given license key is installed
```

```
        """
```

```
        mock = MagicMock(return_value='Partial Product Key: ABCDE')
```

```
        with patch.dict(win_license.__salt__, {'cmd.run': mock}):
```

```
            out = win_license.installed('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
```

```
            mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
```

```
            self.assertTrue(out)
```

```
    def test_installed_diff(self):
```

```
        """
```

```
        Test to see if the given license key is installed when the key is different
```

```
        """
```

```
        mock = MagicMock(return_value='Partial Product Key: 12345')
```

```
        with patch.dict(win_license.__salt__, {'cmd.run': mock}):
```

```
            out = win_license.installed('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
```



```

mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
self.assertFalse(out)

def test_install(self):
    """
    Test installing the given product key
    """
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.install('AAAAA-A AAAA-A AAAA-A AAAA-A AAAA-ABCDE')
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ipk '
                                     'AAAAA-A AAAA-A AAAA-A AAAA-A AAAA-ABCDE')

def test_uninstall(self):
    """
    Test uninstalling the given product key
    """
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.uninstall()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /upk')

def test_activate(self):
    """
    Test activating the current product key
    """
    mock = MagicMock()
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.activate()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /ato')

def test_licensed(self):
    """
    Test checking if the minion is licensed
    """
    mock = MagicMock(return_value='License Status: Licensed')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        win_license.licensed()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')

def test_info(self):
    """
    Test getting the info about the current license key
    """
    expected = {
        'description': 'Prof',
        'licensed': True,
        'name': 'Win7',
    }

```

```

        'partial_key': '12345'
    }

    mock = MagicMock(return_value='Name: Win7\r\nDescription: Prof\r\nPartial Product Key: 12345\r\n'
                      'License Status: Licensed')
    with patch.dict(win_license.__salt__, {'cmd.run': mock}):
        out = win_license.info()
        mock.assert_called_once_with(r'cscript C:\Windows\System32\slmgr.vbs /dli')
        self.assertEqual(out, expected)
# -*- coding: utf-8 -*-

# Import Python libs
from __future__ import absolute_import

# Import Salt Libs
import salt.states.win_license as win_license

# Import Salt Testing Libs
from tests.support.mixins import LoaderModuleMockMixin
from tests.support.unit import TestCase
from tests.support.mock import (
    MagicMock,
    patch
)

class LicenseTestCase(TestCase, LoaderModuleMockMixin):

    def setup_loader_modules(self):
        return {win_license: {}}

    def test_activate(self):
        """
        Test activating the given product key
        """
        expected = {
            'changes': {},
            'comment': 'Windows is now activated.',
            'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
            'result': True
        }

        info = {
            'description': 'Prof',
            'licensed': False,
            'name': 'Win7',
            'partial_key': 'XXXXX'
        }

```

```

info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Installed successfully')
activate_mock = MagicMock(return_value='Activated successfully')
with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                       'license.install': install_mock,
                                       'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    info_mock.assert_called_once_with()
    install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    activate_mock.assert_called_once_with()
    self.assertEqual(out, expected)

def test_installed_not_activated(self):
    """
    Test activating the given product key when the key is installed but not activated
    """
    expected = {
        'changes': {},
        'comment': 'Windows is now activated.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': True
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

    info_mock = MagicMock(return_value=info)
    install_mock = MagicMock(return_value='Installed successfully')
    activate_mock = MagicMock(return_value='Activated successfully')
    with patch.dict(win_license.__salt__, {'license.info': info_mock,
   'license.install': install_mock,
   'license.activate': activate_mock}):
        out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        info_mock.assert_called_once_with()
        assert not install_mock.called
        activate_mock.assert_called_once_with()
        self.assertEqual(out, expected)

def test_installed_activated(self):
    """
    Test activating the given product key when its already activated
    """
    expected = {

```

```

'changes': {},
'comment': 'Windows is already activated.',
'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
'result': True
}

```

```

info = {
    'description': 'Prof',
    'licensed': True,
    'name': 'Win7',
    'partial_key': 'ABCDE'
}

```

```

info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Installed successfully')
activate_mock = MagicMock(return_value='Activated successfully')
with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                       'license.install': install_mock,
                                       'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    info_mock.assert_called_once_with()
    assert not install_mock.called
    assert not activate_mock.called
    self.assertEqual(out, expected)

```

```

def test_installed_install_fail(self):
    """
    Test activating the given product key when the install fails
    """
    expected = {
        'changes': {},
        'comment': 'Unable to install the given product key is it valid?',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': False
    }

```

```

info = {
    'description': 'Prof',
    'licensed': False,
    'name': 'Win7',
    'partial_key': '12345'
}

```

```

info_mock = MagicMock(return_value=info)
install_mock = MagicMock(return_value='Failed')
activate_mock = MagicMock()
with patch.dict(win_license.__salt__, {'license.info': info_mock,
                                       'license.install': install_mock,

```

```

        'license.activate': activate_mock}):
    out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    info_mock.assert_called_once_with()
    install_mock.assert_called_once_with('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
    assert not activate_mock.called
    self.assertEqual(out, expected)

def test_installed_activate_fail(self):
    """
    Test activating the given product key when the install fails
    """
    expected = {
        'changes': {},
        'comment': 'Unable to activate the given product key.',
        'name': 'AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE',
        'result': False
    }

    info = {
        'description': 'Prof',
        'licensed': False,
        'name': 'Win7',
        'partial_key': 'ABCDE'
    }

    info_mock = MagicMock(return_value=info)
    install_mock = MagicMock()
    activate_mock = MagicMock(return_value='Failed to activate')
    with patch.dict(win_license.__salt__, {'license.info': info_mock,
   'license.install': install_mock,
   'license.activate': activate_mock}):
        out = win_license.activate('AAAAA-AAAAA-AAAAA-AAAA-AAAAA-ABCDE')
        info_mock.assert_called_once_with()
        assert not install_mock.called
        activate_mock.assert_called_once_with()
        self.assertEqual(out, expected)
salt.modules.win_license module
=====

.. automodule:: salt.modules.win_license
   :members:
salt.states.win_license module
=====

.. automodule:: salt.states.win_license
   :members:

```

# 1.207 selinux-policy 3.13.1 :229.el7

## 1.207.1 Available under license :

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### :229.el7\_6

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$Revision: 8.18 $, Last updated $Date: 2012/05/15 21:49:03 $, Document 139848.1
# $Id: BSD.m4,v 8.6 1999/05/27 22:03:28 peterh Exp $
depend: ${BEFORE} ${LINKS}
@mv Makefile Makefile.old
@sed -e '/^# Do not edit or remove this line or anything below it.$$/,$$d' < Makefile.old > Makefile
@echo "# Do not edit or remove this line or anything below it." >> Makefile
mkdep -a -f Makefile ${COPTS} ${SRCS}

# End of $RCSfile: BSD.m4,v $
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# 1.238 spring-web 3.2.11.RELEASE

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## 1.242 swagger-annotations 1.5.8

## 1.243 Swagger-UI 2.1.0-alpha.6

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```
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```

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```
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This is free software, and you are welcome to redistribute it
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```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.245 tornado 4.2.1

## 1.246 unzip 6.0 :19.e17

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---

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---

#### FIRST NOTE:

This file contains some details about the copyright history of contributions to the UnZip project.

Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of the system specific ports.

Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

-----

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the

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Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

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---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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- \* MoreFiles
- \*
- \* A collection of File Manager and related routines
- \*
- \* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
- \* with significant code contributions by Nitin Ganatra

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- \*
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- \* -----
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

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-----

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-----

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-----

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The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

-----  
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## 1.247 urw-fonts 2.4 :16.el7

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## 1.248 uuid 3.3.2

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# 1.249 w3c.dom.events 3.0.0

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## 1.254 xz-java\_ASLv2.0 1.8 :1

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Upstream-Contact: Lasse Collin <[lasse.collin@tukaani.org](mailto:lasse.collin@tukaani.org)>

Source: <http://git.tukaani.org/?p=xz-java.git>

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## 1.258 ZooKeeper 3.3.3

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