Open Source Used In CloudCenter Suite Admin 5.3.0

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1.2 node.js 14.18.1-r0

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Written by: Philip Hazel
Email local part: ph10
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deprecatedIds.includes('BSD-3-Clause'); //=> false

deprecatedIds.includes('CC-BY-1.0'); //=> false

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

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

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

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Minizlib was created by Isaac Z. Schlueter. It is a derivative work of the Node.js project.

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    './config/archs/BSD-x86_64/asm_avx2/crypt/bn/x86_64-mont.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/bn/x86_64-mont5.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/camellia/cml11-x86_64.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/chacha/chacha-x86_64.s',
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    './config/archs/BSD-x86_64/asm_avx2/crypt/md5/md5-x86_64.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/modes/aesni-gcm-x86_64.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/modes/ghash-x86_64.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/poly1305/poly1305-x86_64.s',
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    './config/archs/BSD-x86_64/asm_avx2/crypt/rc4/rc4-x86_64.s',
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    './config/archs/BSD-x86_64/asm_avx2/crypt/sha/sha1-mb-x86_64.s',
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    './config/archs/BSD-x86_64/asm_avx2/crypt/whirlpool/wp-x86_64.s',
    './config/archs/BSD-x86_64/asm_avx2/crypt/x86_64cpuid.s',
    './config/archs/BSD-x86_64/asm_avx2/engine/e_padlock-x86_64.s',
],

'openssl_defines_BSD-x86_64': [
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    'L_ENDIAN',
    'OPENSSL_PIC',
    'OPENSSL_CPUID_OBJ',
    'OPENSSL_IA32_SSE2',
    'OPENSSL_BN_ASM_MONT',
    'OPENSSL_BN_ASM_MONT5',
    'OPENSSL_BN_ASM_GF2m',
    'SHA1_ASM',
    'SHA256_ASM',
    'SHA512_ASM',
    'KECCAK1600_ASM',
    'RC4_ASM',
]
'MD5_ASM',
'AESNI_ASM',
'VPAES_ASM',
'GHASH_ASM',
'ECP_NISTZ256_ASM',
'X25519_ASM',
'POLY1305_ASM',
],
'openssl_cflags_BSD-x86_64': [
    '-Wa,--noexecstack',
    '-Wall -O3',
    '-pthread',
    '-Wall -O3',
],
'openssl_ex_libs_BSD-x86_64': [
    '-pthread',
],
'include_dirs': [
    '.',
    './include',
    './crypto',
    './crypto/include/internal',
],
'defines': ['<@(openssl_defines_BSD-x86_64)'],
'cflags': ['<@(openssl_cflags_BSD-x86_64)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)'],
'sources': ['<@(openssl_sources)', '<@(openssl_sources_BSD-x86_64)'],
}

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name: license update

on:
schedule:
  # 00:00:00 every Monday
  # https://crontab.guru/#0_0_*_*_1
  - cron: "0 0 * * 1"

workflow_dispatch:

jobs:
  update_license:
    if: github.repository == 'nodejs/node'
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v2
      - run: "./tools/license-builder.sh" # run the license builder tool
      - uses: gr2m/create-or-update-pull-request-action@v1.x # create a PR or update the Action's existing PR
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env:
GITHUB_TOKEN: ${{ secrets.GITHUB_TOKEN }}

with:

title: "doc: run license-builder"
body: "License is likely out of date. This is an automatically generated PR by the `license-builder.yml` GitHub Action, which runs `license-builder.sh` and submits a new PR or updates an existing PR."
commit-message: 'doc: run license-builder'
labels: meta

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'openssl/crypto/x509v3/v3_extku.c',
'openssl/crypto/x509v3/v3_genn.c',
'openssl/crypto/x509v3/v3_ia5.c',
'openssl/crypto/x509v3/v3_info.c',
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'openssl/crypto/x509v3/v3_prn.c',
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'openssl/engines/e_padlock.c',
],
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'OPENSSL_BN_ASM_MONT',
'OPENSSL_BN_ASM_MONT5',
'OPENSSL_BN_ASM_GF2m',
'SHA1_ASM',
'SHA256_ASM',
'SHA512_ASM',
'KECCAK1600_ASM',
'RC4_ASM',
'MD5_ASM',
'AESNI_ASM',
'VPAES_ASM',
'GHASH_ASM',
'ECP_NISTZ256_ASM',
'X25519_ASM',
'POLY1305_ASM',
]
'openssl_cflags_BSD-x86_64': ['-Wa,--noexecstack', '-Wall -O3', '-pthread', '-Wall -O3'],
'openssl_ex_libs_BSD-x86_64': ['-pthread'],
'include_dirs': ['.', './include', './crypto', './crypto/include/internal'],
'defines': ['<@(openssl_defines_BSD-x86_64)'],
'cflags': ['<@(openssl_cflags_BSD-x86_64)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)'],
'sources': ['<@(openssl_sources)', '<@(openssl_sources_BSD-x86_64)'],
}

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validate-npm-package-license

Give me a string and I'll tell you if it's a valid npm package license string.

```javascript
var valid = require('validate-npm-package-license');
```

SPDX license identifiers are valid license strings:

```javascript
var assert = require('assert');
var validSPDXExpression = {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```

The function will return a warning and suggestion for nearly-correct license identifiers:
```javascript
assert.deepEqual(
valid('Apache 2.0'),
{
validForOldPackages: false,
validForNewPackages: false,
warnings: [
'license should be ' +
'a valid SPDX license expression (without "LicenseRef"), ' +
""UNLICENSED", or ' +
""SEE LICENSE IN <filename>"",
'license is similar to the valid expression "Apache-2.0"
]
}
);
```

SPDX expressions are valid, too ...

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
valid('(GPL-3.0-only OR BSD-2-Clause)'),
validSPDXExpression
);
```

... except if they contain `LicenseRef`:

```javascript
var warningAboutLicenseRef = {
validForOldPackages: false,
validForNewPackages: false,
spx: true,
warnings: [
'license should be ' +
'a valid SPDX license expression (without "LicenseRef"), ' +
""UNLICENSED", or ' +
""SEE LICENSE IN <filename>"",
]
};
assert.deepEqual(
valid('LicenseRef-Made-Up'),
warningAboutLicenseRef
);
```
If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```javascript
assert.deepEqual(
valid('SEE LICENSE IN LICENSE.txt'),
{
  validForNewPackages: true,
  validForOldPackages: true,
  inFile: 'LICENSE.txt'
}
);
```

assert.deepEqual(
valid('SEE LICENSE IN license.md'),
{
  validForNewPackages: true,
  validForOldPackages: true,
  inFile: 'license.md'
}
);

If there aren't any licensing terms, use `UNLICENSED`:

```javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENCED'), unlicensed);
```

1.3 systemd-sysv 219-78.el7_9.3

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45. [49] Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
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47. [51] Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
48. [52] Ray Schnitzler <schnitz@unipress.com> Unixware1 port
49. [53] Michael Shields <shields@tembel.org> USNO clock driver
50. [54] Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55] Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56] Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57] Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
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55. [59] Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
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56. [60] Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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18. mailto:%20duwe@immd4.informatik.uni-erlangen.de
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21. mailto:%20davehart@davehart.com
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1.6 sunpkcs11 1.8.0_242

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Patrick McHardy <kaber@trash.net>

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```
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```

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```
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This debian package was first created by Michael Stone <mstone@debian.org>, from coreutils 4.5.1.

Changes:
* added Debian GNU/Linux package maintenance system files
* at times, bug fixes awaiting inclusion in the upstream source

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1.15 lua-cliargs-docs 1.0.0

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1.17 e2fsprogs 1.45.5 2ubuntu1

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

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

install-strip: install

install-shlibs-strip:: install-shlibs

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

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

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

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

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

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

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This package was put together by Yann Dirson <dirson@debian.org>,
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1.19 cross-spawn 5.1.0
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It is currently maintained by Clint Adams <clint@debian.org>


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1.21 libpython3-stdlib 3.5.3-1

1.21.1 Available under license:

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

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

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

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--------------------------------------------------------------

A. HISTORY OF THE SOFTWARE

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

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

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

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

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Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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widecharwidth - wcwidth implementation
Written in 2018 by ridiculous_fish

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1.26 jackson-dataformat-yaml 2.10.1
1.26.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

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

-------------------------------------------------------------------------------
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-- vile:txtmode fc=72
1.28 libssl 1.1.1c-1

1.28.1 Available under license:

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The End

1.29 libpython3-stdlib 3.8.2 0ubuntu2

1.29.1 Available under license:

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

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

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

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A. HISTORY OF THE SOFTWARE

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

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

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

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<td>PSF</td>
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<td>2.3.4</td>
<td>2005</td>
<td>PSF</td>
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<tr>
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<td>2.3</td>
<td>2004</td>
<td>PSF</td>
<td>yes</td>
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</table>
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1.31 hostname 3.13 3.el7_7.1

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1.33 jackson-core 2.8.11

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1.34 libext2fs2 1.45.5 2ubuntu1

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

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

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

image:$(BSD_LIB)

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

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

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

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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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Index: tdbsa/tdb.c

===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 */
 /*
 - Unix SMB/CIFS implementation.
 + trivial database library - standalone version

 - trivial database library - private includes
 -
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Theodore Ts'o
23-June-2007
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That's all there is to it!
This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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

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

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

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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Gadi Oxman, August 1995

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1.35 libc-dev 2.28 10

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1.37 libfontenc 1.1.4-r0

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pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=6
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"

builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
update_config_sub
default_prepare
}

build() {
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr
make
}
package() {
make DESTDIR="$pkgdir" install 
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171f9ae326af1b133725beba28f7e76654309e001ace9bace727b5b4c8589405256a3c020 1ibart_lgpl-2.3.21.tar.bz2"
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pkgname=py3-flake8-copyright
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pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux flakes8-copyright"
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license="MIT"
depends="py3-flake8 py3-setuptools"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
python3 setup.py build 
}

package() {
python3 setup.py install --prefix=/usr --root="$pkgdir"
}
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pkgname=perl-bsd-resource
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pkgver=1.2911
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pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource"
arch="all"
license="GPL-1.0-or-later OR Artistic-1.0-Perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
  default_prepare

  export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
  PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
  export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
  make
}

check() {
  make test
}

package() {
  make DESTDIR="$pkgdir" install
  find "$pkgdir" \(-name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16
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options="!check"
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="Spkgname-list"

_types="html json rdfa rdftnt rdfturtle rdfxml template text"

for type in $_types; do
  subpackages="$subpackages $pkgname-$type:_subpkg"
done

build() {
  cd "$builddir"
}

package() {
  mkdir -p "$pkgdir"
}

_subpkg() {
  local type=${subpkgname/$pkgname-/}
  pkgdesc="$pkgdesc ($type)"
  install_if="$pkgname"
  mkdir -p "$subpkgdir/usr/share/spdx"
  cp -r "$builddir"/type "$subpkgdir"/usr/share/spdx/
}

list() {
  pkgdesc="Spkgdesc (licence list)"
  mkdir -p "$subpkgdir"/usr/share/spdx
  local i; for i in $builddir/text/*.txt; do
    local license=${i##*/}
    echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
  done
}

sha512sums="0950540df050fb77f7ce92f5ad1bf756725e233d701f0c5b2fc5bfa85dae65bba3400de7fd78b4b1d8a41deab4e461a5f1018f4869d9f3e0428a5a64c32c01c60  license-list-data-3.8.tar.gz"

1.38 vim 8.2.2320-r0
1.39 nghttp2-libs 1.42.0-r1

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

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

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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
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This package was put together by Yann Dirson <dirson@debian.org>,
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1.47 gnupg-utils 2.2.12 1+deb10u1

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

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

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

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

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

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The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

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"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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A "covered work" means either the unmodified Program or a work based on the Program.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an
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Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is
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@item
Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item
Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

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@c man end
This is an attempt to acknowledge early contributions to the garbage
collector. Later contributions should instead be mentioned in
README.changes.

HISTORY -

Early versions of this collector were developed as a part of research
projects supported in part by the National Science Foundation
and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for
the Russell programming language implementation. The first version of the
garbage collector was written primarily by Al Demers. It was then refined
and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U.,
the University of Washington, Rice University (where it was first used for
C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant
contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in
README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dossor (dossor@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequentially provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@mitiame.mtia.oz.au), Michel Schinz, and
Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and
Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. Al Dossor provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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* m4/ax_func_which_gethostbyname_r.m4

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Version 3.1, 31 March 2009

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Developed by:

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<th>Directory</th>
</tr>
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<tbody>
<tr>
<td>mach_override</td>
<td>lib/interception/mach_override</td>
</tr>
</tbody>
</table>

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#* org
#+TITLE: List of code with permissive licenses as used by GnuPG.
#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.53.1 Available under license:

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1.57 man-db 2.8.5-2

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-- vile: txtmode file-encoding=utf-8
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-- vile:txtmode fc=72
-- $Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $

1.63 tar 1.30+dfsg 6
1.63.1 Available under license :

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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
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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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
"src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userrk.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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1.87 libmagic-mgc 1:5.35 4+deb10u1

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1.88 six 1.11.0

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1.89 pyflakes 1.6.0

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1.90 asm 5.0.4

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

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

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* /opt/cola/permits/1108987296_1606239560.08/0/asm-5-0-4-sources-1-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java

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jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1108987296_1606239560.08/0/asm-5-0-4-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1108987296_1606239560.08/0/asm-5-0-4-sources-1-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
* /opt/cola/permits/1108987296_1606239560.08/0/asm-5-0-4-sources-1-jar/org/objectweb/asm/optimizer/Constant.java
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* /opt/cola/permits/1108987296_1606239560.08/0/asm-5-0-4-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
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 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 * the fist instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc
 * the class descriptor of the annotation class.
 */

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 */
/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see [Opcodes]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [Type]).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */
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* /opt/cola/permits/1108987296_1606239560.08/0/asm-5-0-4-sources-1-jar/org/objectweb/asm/commons/GeneratorAdapter.java
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/**
* Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
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* [@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)]
* version.
* 
* @param owner
*     the owner's class name.
* @param access
*     the method's access flags (see [@link Opcodes]).
* @param name
*     the method's name.
* @param desc
* the method's descriptor (see [@link Type Type]).
* @param mv
* the method visitor to which this adapter delegates calls. May
* be <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
* /

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 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
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 * @throws IllegalStateException
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 */

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# Maintainer:
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pkgver=3.1
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check"
license="unknown"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"

for type in $_types; do
subpackages="$subpackages $pkgname-$type:_subpkg"
done

build() {
    cd "$builddir"
}

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname"
    mkdir -p "$subpkgdir/usr/share/spdx"
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir/usr/share/spdx"
    local i; for i in "$builddir/text/*.txt"; do
        local license="$i#*/

prepare() {
    default_prepare

    cd "$builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
    make
}

check() {
    cd "$builddir"
    make test
}

package() {
    cd "$builddir"
    make DESTDIR="$pkgdir" install
find "\$pkgdir" \(-name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="d0032d41c7c0468ed1c6d8f57b885f6cb97a5039df754c8cb60b2067daedaf53bd1f56b1a3d0f828df16
dfa517f663b8065ba65f4ea16d9262728b3b685 BSD-Resource-1.2911.tar.gz"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
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pkgnamapy-flake8-copyright
_pkgnameflake8-copyright
pkgver=0.2.0
pkgrel=1
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/$_pkgnam$_pkgnamerkgver.tar.gz"
builddir="$srcdir/$_pkgnam$_pkgver"

build() {
cd "$builddir"
python3 setup.py build || return 1
}

package() {
cd "$builddir"
python3 setup.py install --prefix=/usr --root="\$pkgdir" || return 1
}

md5sums="c6348990c6d74933bf5d5f6a55a14bdfe8-copyright-0.2.0.tar.gz"
sha256sums="aeef26eb4d522c9cd5b101e68175f0ef62b353bf36da688f06e2f07973 flake8-copyright-0.2.0.tar.gz"
sha512sums="bab1bfaedd3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528aff5d586c3b1be9570f4a977a7e 2417b586e543bfba12abce256b2023c8c4993eeb90 flake8-copyright-0.2.0.tar.gz"

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pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
options="!check"  # No test suite.
license="LGPL-2.0+"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"

builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
  cd "$builddir"
  update_config_sub
default_prepare
}

build() {
  cd "$builddir"
  ./configure \
  --build=$CBUILD \
"
--host=$CHOST \n--prefix=/usr \nmakemake
}

package() {
  cd "$builddir"
  make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ccf5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001ae9bace727b5b4e8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

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  libuuid/src/*
  libuuid/man/*
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  include/xalloc.h
Copyright: 2010, 2011 Davidlohr Bueso <dave@gnu.org>
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Theodore Ts'o.
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       lib/randutils.c
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       libmount/src/*
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1.94 microcode-ctl 2.1-73.11.el7_9
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1.95 openssh-keygen 8.1_p1-r1

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* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.96 libxfixes 1:5.0.3 1

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+++ libxfixes-5.0.3/.gitignore
@@ -0,0 +1,78 @@
+
+#X.Org module default exclusion patterns
+#The next section if for module specific patterns
+
+Do not edit the following section
+GNU Build System (Autotools)
+aclocal.m4
+autom4te.cache/
+autoscan.log
+ChangeLog
+compile
+config.guess
+config.h
+config.h.in
+config.log
+config.ml.in
+config.py
+config.status
+config.status.lineno
+config.sub
+configure
+configure.scan
+depcomp
+.deps/
+INSTALL
+install-sh
+.libs/
+libtool
+libtool.m4
+ltmain.sh
+lt~obsolete.m4
+ltoptions.m4
+ltversion.m4
+Makefile
+Makefile.in
+mdate-sh
+missing
+mkinstalldirs
+*.pc
+py-compile
+stamp-h?
+symlink-tree
+texinfo.tex
+ylwrap
+
+# Do not edit the following section
 +# Edit Compile Debug Document Distribute
 +*
 +*[0-9]
 +*[0-9]*
 +*.bak
 +*.bin
 +core
 +*.dll
 +*.exe
 +*.ISO*.bdf
 +*.JIS*.bdf
 +*.KOI8*.bdf
 +*.kld
 +*.ko
 +*.ko.cmd
 +*.lai
 +*.l[oa]
 +/*.l[oa]
 +*.obj
 +*.patch
 +*.so
 +*.pcf.gz
 +*.pdb
 +*.tar.bz2
 +*.tar.gz
 +#
 +# Add & Override patterns for libXfixes
 +#
 +# Edit the following section as needed
 +# For example, 'report.pc overrides *.pc. See 'man gitignore'
 +#
 --- libxfixes-5.0.3.orig/autogen.sh
 +++ libxfixes-5.0.3/auto gen.sh
 @@ -0,0 +1,14 @@
 +#!/bin/sh
 +
 +srcdir=`dirname $0`
 +test -z "$srcdir" && srcdir=. 
ORIGDIR=`pwd`
cd $srcdir

autoreconf -v --install || exit 1
cd $ORIGDIR || exit $?

if test -z "$NOCONFIGURE"; then	nsrcdir/configure "$@
fi

--- libxfixes-5.0.3.orig/debian/README.source
+++ libxfixes-5.0.3/debian/README.source
@@ -0,0 +1,49 @@
+------------------------------------------------------
+Quick Guide To Patching This Package For The Impatient
+------------------------------------------------------
+
+1. Make sure you have quilt installed
+2. Unpack the package as usual with "dpkg-source -x"
+3. Run the "patch" target in debian/rules
+4. Create a new patch with "quilt new" (see quilt(1))
+5. Edit all the files you want to include in the patch with "quilt edit"
+   (see quilt(1)).
+6. Write the patch with "quilt refresh" (see quilt(1))
+7. Run the "clean" target in debian/rules
+
+Alternatively, instead of using quilt directly, you can drop the patch in to
+debian/patches and add the name of the patch to debian/patches/series.
+
+Guide To The X Strike Force Packages
+
+The X Strike Force team maintains X packages in git repositories on
+git.debian.org in the pkg-xorg subdirectory. Most upstream packages
+are actually maintained in git repositories as well, so they often
+just need to be pulled into git.debian.org in a "upstream-*" branch.
+Otherwise, the upstream sources are manually installed in the Debian
+git repository.
+
+The .orig.tar.gz upstream source file could be generated using this
+"upstream-*" branch in the Debian git repository but it is actually
+copied from upstream tarballs directly.
+
+Due to X.org being highly modular, packaging all X.org applications
+as their own independent packages would have created too many Debian
+packages. For this reason, some X.org applications have been grouped
+into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils,
+x11-utils, x11-xfs-utils, x11-xkb-utils, x11-xserver-utils.
+Most packages, including the X.org server itself and all libraries
+and drivers are, however maintained independently.
+
+The Debian packaging is added by creating the "debian-*" git branch
+which contains the aforementioned "upstream-*" branch plus the debian/
+repository files.
+When a patch has to be applied to the Debian package, two solutions
+are involved:
+* If the patch is available in one of the upstream branches, it
+ may be git'cherry-picked into the Debian repository. In this
+ case, it appears directly in the .diff.gz.
+* Otherwise, the patch is added to debian/patches/ which is managed
+ with quilt as documented in /usr/share/doc/quilt/README.source.

--- libxfixes-5.0.3.orig/debian/changelog
+++ libxfixes-5.0.3/debian/changelog
@@ -0,0 +1,281 @@
+libxfixes (1:5.0.3-1) unstable; urgency=medium
+
++ [ Andreas Boll ]
++ * New upstream release.
++ - Fixes CVE-2016-7944 (Closes: #840442).
++ * Update d/upstream/signing-key.asc with Matthieu Herrb's key.
++ * Fix Vcs-* URLs.
++ * Update a bunch of URLs in packaging to https.
+
++ [ Emilio Pozuelo Monfort ]
++ * Bump debhelper compat to 10.
++ + dh-autoreconf is now enabled by default.
++ + --disable-silent-rules is passed to configure automatically.
+
++ -- Emilio Pozuelo Monfort <pochu@debian.org>  Mon, 05 Dec 2016 19:17:34 +0100
+
+libxfixes (1:5.0.2-1) sid; urgency=low
+
++ -- Julien Cristau <jcristau@debian.org>  Sun, 26 Jun 2016 21:10:20 +0200
++
+libxfixes (1:5.0.2-1) sid; urgency=medium
+
++ * Team upload.
++ * New upstream release.
++ * Let uscan verify tarball signatures.
++ * Bump libx11-dev build-dep to 2:1.6 per configure.ac.
++ * Remove Drew and Cyril from Uploaders.
++ * Use https for Vcs-* control fields.
++ * Bump Standards-Version to 3.9.8.
++ * Migrate to automatic dbgsym package.
+
++ -- Julien Cristau <jcristau@debian.org>  Sun, 26 Jun 2016 21:10:20 +0200
++
+libxfixes (1:5.0.1-2) sid; urgency=low
++

* Mark libxfixes-dev as Multi-arch: same (closes: #677657).

-- Julien Cristau <jcristau@debian.org>  Sat, 12 Jul 2014 17:26:54 +0200
+ libxfixes (1:5.0.1-1) sid; urgency=low
+ * New upstream release.
+ * Remove useless dh_auto_install override. debian/tmp is the default destdir since we have more than one deb.
+ * Bump debhelper build-dep to 9 (to match compat).
+ * Disable silent build rules.

-- Julien Cristau <jcristau@debian.org>  Sun, 30 Jun 2013 14:34:26 +0200
+ libxfixes (1:5.0-4+deb7u1) wheezy-security; urgency=high
+ * integer overflow in XFixesGetCursorImage() [CVE-2013-1983]

-- Julien Cristau <jcristau@debian.org>  Tue, 14 May 2013 10:12:48 +0200
+ libxfixes (1:5.0-4) unstable; urgency=low
+ * Team upload.
+ * Don't include debug symbols for the udeb in libxfixes3-dbg.

-- Julien Cristau <jcristau@debian.org>  Sun, 12 Jun 2011 00:16:17 +0200
+ libxfixes (1:5.0-3) unstable; urgency=low
+ * Team upload.

[ Steve Langasek ]
+ * Build for multiarch.

[ Julien Cristau ]
+ * Bump Standards-Version to 3.9.2.

-- Julien Cristau <jcristau@debian.org>  Sat, 11 Jun 2011 16:01:20 +0200
+ libxfixes (1:5.0-2) unstable; urgency=low
+ * Team upload.

[ Cyril Brulebois ]
+ * Remove automake and libtool build-dep, they're pulled in by
Open Source Used In CloudCenter Suite Admin 5.3.0

+ dh-autoreconf.
+ 
+ -- Julien Cristau <jcristau@debian.org> Fri, 29 Apr 2011 22:48:31 +0200
+ 
+ * New upstream release:
+ * Bump x11proto-fixes-dev build-dep accordingly.
+ * Bump x11proto-fixes-dev dependency for libfixes3-dev.
+ * Wrap Depends fields.
+ * Add debian/libxfixes3 symbols file.
+ * Pass -c4 to dh_makeshlibs to ensure updates are noticed.
+ * Update symbols file, and bump shlibs for new symbols:
+ * XFixesCreatePointerBarrier
+ * XFixesDestroyPointerBarrier
+ * Install manpages through dh_install.
+ * Use --fail-missing instead of --list-missing in dh_install for
+ * additional safety.
+ * Switch to dh:
+ * Use debhelper 8.
+ * Use dh-autoreconf.
+ * Remove xsfbs accordingly.
+ * Update Uploaders list. Thanks, David!
+ * Add a placeholder series file.
+ * Bump Standards-Version to 3.9.1 (no changes needed).
+ 
+ -- Cyril Brulebois <kibi@debian.org> Wed, 09 Mar 2011 00:02:42 +0100
+ 
+ * New upstream release.
+ * Bump xutils-dev build-dep for xorg-macros 1.8.
+ * Update debian/copyright from upstream COPYING.
+ * Bump Standards-Version to 3.9.0.
+ 
+ -- Julien Cristau <jcristau@debian.org> Sun, 11 Jul 2010 15:02:30 +0100
+ 
+ [ Julien Cristau ]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
+ * good reason. Thanks, Colin Watson!
+ 
+ [ Brice Goglin ]
+ * Remove Jamey Sharp and Josh Triplett from Uploaders, closes: #568278.
+ 
+ [ Cyril Brulebois ]
* Use dh_makeshlibss -V argument instead of debian/libxfixes3.shlibs
* Add udeb needed for the graphical installer: libxfixes3-udeb.
* Bump the B-D on libx11-dev to ensure libxfixes3-udeb gets a dependency on libx11-6-udeb.
* Bump Standards-Version from 3.8.3 to 3.8.4 (no changes needed).
* Add myself to Uploading.

-- Cyril Brulebois <kibi@debian.org> Thu, 11 Mar 2010 04:56:27 +0100

+libxfixes (1:4.0.4-1) unstable; urgency=low

[ Julian Cristau ]
* Remove Branden and Fabio from Uploading with their permission.
* Don't build-depend on packages with a -1 debian revision.
* Drop the XS- prefix from the Vcs-* control fields.
* Remove x11-common (pre-)dependency from libxfixes3 and libxfixes3-dbgs, as it shouldn't be needed.
* Use ${binary:Version} instead of the equivalent but confusingly-named ${Source-Version} in debian/control.
* Bump Standards-Version to 3.8.3.

[ Brice Goglin ]
* Add upstream URL to debian/copyright.
* Drop CVS header from debian/copyright.
* Add a link to www.X.org in the long description.
* Install the upstream ChangeLog.
* Add README.source, bump Standards-Version to 3.8.2.
* Use updated xsfbs, closes: #538584.
* Move -dbg package to section debug.

[ Timo Aaltonen ]
* New upstream release (closes: #556000).
* Run autoreconf on build. Add build-deps on automake, libtool and xutils-dev.
* Parse space-separated DEB_BUILD_OPTIONS, and handle parallel=N.
* Drop pre-dependency on x11-common from libxfixes-dev. This was needed for upgrades from sarge.

-- Julien Cristau <jcristau@debian.org> Wed, 25 Nov 2009 18:36:48 +0100

+libxfixes (1:4.0.3-2) unstable; urgency=low

* Add XS-Vcs-Browser.
* Upload to unstable.

-- Julien Cristau <jcristau@debian.org> Wed, 11 Apr 2007 14:58:20 +0200

+libxfixes (1:4.0.3-1) experimental; urgency=low
+ * Adjust Section values to what the override says.
+ * Update location of upstream repository from CVS to git in the long
+ * descriptions.
+ * New upstream release:
+ * Drop all patches, applied upstream.
+ * Add XS-Vcs-Git header in debian/control.
+ + -- Julien Cristau <jcristau@debian.org>  Fri, 16 Feb 2007 16:14:49 +0100
+ +libxfixes (1:4.0.1-5) unstable; urgency=low
+ + * libXfixes: Unlocks the Display without having it locked (Closes:
+ + #400446)
+ + * Add Josh and myself to Upiders.
+ + -- Jamey Sharp <sharpone@debian.org>  Mon, 27 Nov 2006 15:19:42 -0800
+ +libxfixes (1:4.0.1-4) unstable; urgency=low
+ + [ Drew Parsons ]
+ + * Bring xfixes 4 into unstable (X11R7.1 transition).
+ + * dbg package has priority extra.
+ + [ David Nusinow ]
+ + * Add 01_include_xlib.h.diff. Xfixes.h relies on the "Bool" define from
+ + X11/Xlib.h but did not include that header (directly or indirectly)
+ + (closes: #372756)
+ + + -- David Nusinow <dnusinow@debian.org>  Mon, 18 Sep 2006 18:09:51 -0400
+ +libxfixes (1:4.0.1-3) experimental; urgency=low
+ + * Add shlibs file due to soversion bump (3.0.0 -> 3.1.0)
+ + + -- David Nusinow <dnusinow@debian.org>  Wed, 16 Aug 2006 20:22:46 +0000
+ +libxfixes (1:4.0.1-2) experimental; urgency=low
+ + * Added versioned depends on x11proto-fixes-dev (>= 4.0-1).
+ + Closes: #375124.
+ + * Use dh_installman to install man pages.
+ + + -- Drew Parsons <dparsons@debian.org>  Mon, 14 Aug 2006 18:03:48 +1000
+ +libxfixes (1:4.0.1-1) experimental; urgency=low
+ + * New upstream version.
+ * Standards version 3.7.2.
+ * Uses debhelper v5.
+  
+ -- Drew Parsons <dparsons@debian.org>  Thu, 27 Jul 2006 23:49:26 +1000
+  
+libxfixes (1:3.0.1.2-5) UNRELEASED; urgency=low
+  
+ * Test for obj-$\$(DEB_BUILD_GNU_TYPE)$ before creating it during build;
+   idempotency fix.
+ * Run dh_install w/ --list-missing.
+  
+ -- Andres Salomon <dilinger@debian.org>  Mon, 17 Jul 2006 01:20:55 -0400
+  
+libxfixes (1:3.0.1.2-4) unstable; urgency=low
+  
+ * Reorder makeshlib command in rules file so that ldconfig is run
+   properly. Thanks Drew Parsons and Steve Langasek.
+  
+ -- David Nusinow <dnusinow@debian.org>  Tue, 18 Apr 2006 21:49:58 -0400
+  
+libxfixes (1:3.0.1.2-3) unstable; urgency=low
+  
+ * Remove x11-common depends from libxfixes-dev. Only use pre-depends. Thanks
+   Steve Langasek.
+ * Move x11-common depends to versioned pre-depends for libxfixes3.
+  
+ -- David Nusinow <dnusinow@debian.org>  Thu, 13 Apr 2006 23:08:01 -0400
+  
+libxfixes (1:3.0.1.2-2) unstable; urgency=low
+  
+ * Upload to unstable
+  
+ -- David Nusinow <dnusinow@debian.org>  Thu, 23 Mar 2006 22:44:37 -0500
+  
+libxfixes (1:3.0.1.2-1) experimental; urgency=low
+  
+ * First upload to Debian
+  
+ -- David Nusinow <dnusinow@debian.org>  Thu, 29 Dec 2005 20:51:40 -0500
+  
+libxfixes (1:3.0.0-3) breezy; urgency=low
+  
+ * Actually bump the Build-Depends this time.
+  
+ -- Daniel Stone <daniel.stone@ubuntu.com>  Sat, 23 Jul 2005 00:52:21 +1000
+  
+libxfixes (1:3.0.0-2) breezy; urgency=low
+  

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+ * Bump Build-Depends on libx11-dev to one which avoids the whole nasty
+ _XOPEN_SOURCE mess.
+
+ +-- Daniel Stone <daniel.stone@ubuntu.com> Fri, 22 Jul 2005 23:38:02 +1000
+ +
++libxfixes (1:3.0.0-1) breezy; urgency=low
+
++ * First libxfixes release.
+
++-- Daniel Stone <daniel.stone@ubuntu.com> Mon, 16 May 2005 22:10:17 +1000
--- libxfixes-5.0.3.orig/debian/compat
+++ libxfixes-5.0.3/debian/compat
@@ -0,0 +1 @@
+10
--- libxfixes-5.0.3.orig/debian/control
+++ libxfixes-5.0.3/debian/control
@@ -0,0 +1,69 @@
+Source: libxfixes
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
+ debhelper (>= 10),
+ libx11-dev (>= 2:1.6),
+ x11proto-fixes-dev (>= 1:5.0),
+ pkg-config,
+ quilt,
+ xutil-dev (>= 1:7.5+4),
+Standards-Version: 3.9.8
+Vcs-Git: https://anonscm.debian.org/git/pkg-xorg/lib/libxfixes.git
+Vcs-Browser: https://anonscm.debian.org/cgit/pkg-xorg/lib/libxfixes.git
+
+Package: libxfixes3
+Section: libs
+Architecture: any
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: X11 miscellaneous 'fixes' extension library
+ libXfixes provides an X Window System client interface to the 'XFIXES'
+ extension to the X protocol.
+.
+ It provides support for Region types, and some cursor functions.
+.
+ More information about X.Org can be found at:
+ <URL:https://www.X.org>
This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXfixes
+ Package: libxfixes3-udeb
+ XC-Package-Type: udeb
+ Section: debian-installer
+ Architecture: any
+ Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+ Description: X11 miscellaneous 'fixes' extension library
+ This is a udeb, or a microdeb, for the debian-installer.
+
+ Package: libxfixes-dev
+ Section: libdevel
+ Architecture: any
+ Multi-arch: same
+ Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+ libxfixes3 (= ${binary:Version}),
+ libx11-dev,
+ x11proto-fixes-dev (>= 1:5.0-1),
+ Description: X11 miscellaneous 'fixes' extension library (development headers)
+ libXfixes provides an X Window System client interface to the 'XFIXES'
+ extension to the X protocol.
+ .
+ It provides support for Region types, and some cursor functions.
+ .
+ This package contains the development headers for the library found in
+ libxfixes3. Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:https://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXfixes
--- libxfixes-5.0.3.orig/debian/copyright
+++ libxfixes-5.0.3/debian/copyright
@@ -0,0 +1,44 @@
+This package was downloaded from
+https://xorg.freedesktop.org/releases/individual/lib/
+
+Copyright 2001,2003 Keith Packard
+
+Permission to use, copy, modify, distribute, and sell this software and its
+usr/lib/*/libXfixes.so.3* /usr/lib
--- libxfixes-5.0.3.orig/debian/libxfixes3.install
+++ libxfixes-5.0.3/debian/libxfixes3.install
@@ -0,0 +1 @@
+usr/lib/*/libXfixes.so.3* 
--- libxfixes-5.0.3.orig/debian/libxfixes3.symbols
+++ libxfixes-5.0.3/debian/libxfixes3.symbols
@@ -0,0 +1,39 @@
+libXfixes.so.3 libxfixes3 #MINVER#
+ XFixesChangeCursor@Base 0
+ XFixesChangeCursorByName@Base 0
+ XFixesChangeSaveSet@Base 0
+ XFixesCopyRegion@Base 0
+ XFixesCreatePointerBarrier@Base 1:5.0
+ XFixesCreateRegion@Base 0
+ XFixesCreateRegionFromBitmap@Base 0
+ XFixesCreateRegionFromGC@Base 0
+ XFixesCreateRegionFromPicture@Base 0
+ XFixesCreateRegionFromWindow@Base 0
+ XFixesDestroyPointerBarrier@Base 1:5.0
+ XFixesDestroyRegion@Base 0
+ XFixesExpandRegion@Base 0
+ XFixesExtensionInfo@Base 0
+ XFixesExtensionName@Base 0
+ XFixesFetchRegion@Base 0
+ XFixesFetchRegionAndBounds@Base 0
+ XFixesFindDisplay@Base 0
+ XFixesGetCursorImage@Base 0
+ XFixesGetCursorName@Base 0
+ XFixesHideCursor@Base 1:4.0.1
+ XFixesIntersectRegion@Base 0
+ XFixesInvertRegion@Base 0
+ XFixesQueryExtension@Base 0
+ XFixesQueryVersion@Base 0
+ XFixesRegionExtents@Base 0
+ XFixesSelectCursorInput@Base 0
+ XFixesSelectSelectionInput@Base 0
+ XFixesSetCursorName@Base 0
+ XFixesSetGCClipRegion@Base 0
+ XFixesSetPictureClipRegion@Base 0
+ XFixesSetRegion@Base 0
+ XFixesSetWindowShapeRegion@Base 0
+ XFixesShowCursor@Base 1:4.0.1
+ XFixesSubtractRegion@Base 0
+ XFixesTranslateRegion@Base 0
+ XFixesUnionRegion@Base 0
+ XFixesVersion@Base 0
--- libxfixes-5.0.3.orig/debian/patches/series
+++ libxfixes-5.0.3/debian/patches/series
@ @ -0,0 +1 @@
+# placeholder
--- libxfixes-5.0.3.orig/debian/rules
+++ libxfixes-5.0.3/debian/rules
@@ -0,0 +1,21 @@
+#!/usr/bin/make -f
+
+PACKAGE = libxfixes3
+SHLIBS = 1:5.0
+
+# Kill *.la files, and forget no-one:
+override_dh_install:
+find debian/tmp -name '*.la' -delete
+dh_install --fail-missing
+
+# Debug package:
+override_dh_strip:
+dh_strip -p$(PACKAGE) --dbgsym-migration='$(PACKAGE)-dbg (< 1:5.0.2)'
+dh_strip -NS(PACKAGE)
+
+# Shlibs:
+override_dh_makeshlibs:
+dh_makeshlibs -V"$(PACKAGE) (>= $(SHLIBS))" --add-udeb=$(PACKAGE)-udeb -- -c4
+
+%:
+dh $@ --with quilt --builddirectory=build/
--- libxfixes-5.0.3.orig/debian/upstream/signing-key.asc
+++ libxfixes-5.0.3/debian/upstream/signing-key.asc
@@ -0,0 +1,166 @@
+-----BEGIN PGP PUBLIC KEY BLOCK-----
+Version: GnuPG v2
+
+mQINBE6HVy4BEADACP0EU6H4ZKyFx/qfhznArCfnlyEoCFY08k516UaHrUOrYWPP
+ukuahceaeA/M3/h/xM0CGln6uiGuG/Cq7+qODAZNBsr6halbDaqUUt+953b5qCsbD65
+LBRt8TXvW+9KKXphXTKii/osYBdmsbFLeVLqU5Kd4QJQjWKRLtuo0ENbFkqQVPypEJk8
+Ozg2zZyeSQAyOgpeFh8lezI7A23yJj292Fq00EEeqHpgfiHz2hNihS5pTSOr8V
+RDap03FpOmxPPUMsa1KATD92+5rbZW8evW76fzQUQiFsFTSOTCaTFu8qpu6Fb
+a9u/u6mTrJQGRduqFp3iwEJOUrOqUdLsr3zye152PBrA26/e/LqH8PPgCerBkn
+o9vso0r1+K6H3Q0QeDHATZGy7tMhbWW5AEXVkJnPnoSRYr48pd6u9Z1TfWVcvoNAZ
+wiFvKXxniTta4MY2czOSyh2YAhCbEi3p0DoNiHy3YHtTvW1k00s2x5yCspfGzp3
+U8x1afQqAyRNa9SfLpQ7Xf+Iv52D9kp3XdkWXw1BFY+nmn/FqoC4tKU8AmbuB
+n3SX/s/yjq3Z6aLoBOmZ94G0Zp1xETYHcbWBxvqhtC6dlPc3Y9uYV01+FItxX9MH
+THa8p6oABrtXbWRJpkOvaVbdDhXON+02J1vawy3T3rwVkuEzc8auq7miwAQAQAB
+CBNYXr0FjR1cmSiciA8bWF0dHN0ODhA2Z1haWwuY29tPokCQQTAQIAKwLbwAWYl
+CQsHAIwGFQfCQQoLBBYCAwECHG4F4ACGQfEAFa1QAmSkFCQsc3hsACgkJDQ91olLzdM
+poyo5Jw/QuaWhtsC9TWUGTLO4Qc/5B6GYecZeZxtU/G8GWZ0e09/trtLzd0KqTlWx/CT
+nhjq49wIscgbz/2ahxCsbYhTs0wiAtZeDQ5w3D3VTm8i8rFqXExXPOHIAM1JqpK
1.97 lsscsi 0.27 6.el7
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fuzz/gnutls_psk_client_fuzzer.c fuzz/gnutls_srp_client_fuzzer.c
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Comment: https://github.com/benhoyt/inih

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##
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1.101 mime-types 3.2.2

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1.102 libgl1 1.1.0-1

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1.103 libpamg 1.3.1 5
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1.104 excon 0.62.0

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

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

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

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

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Mersenne Twister

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following are the verbatim comments from the original code:

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

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

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Sockets
-------

The `socket' module uses the functions, `getaddrinfo', and
`getnameinfo', which are coded in separate source files from the WIDE

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"""

UUencode and UUdecode functions
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Modified by Jack Jansen, CWI, July 1995:  
- Use binascii module to do the actual line-by-line conversion  
  between ascii and binary. This results in a 1000-fold speedup. The C  
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- Arguments more compliant with python standard

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as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

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

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## go-diff - https://github.com/sergi/go-diff

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## golcs - https://github.com/yudai/golcs

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LIBGCRYPTThe Written Word2005-04-15
Assigns past and future changes. (new: src/libgcrypt.pc.in,
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

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(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.
added SHA-224, changed cipher/sha256.c, added HMAC tests.)
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* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/ClosedConnection.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/HikariMBeanElf.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/UtilityElf.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/HikariPoolMXBean.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/HikariPoolMXBean.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/PreparedStatementProxy.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/PreparedStatementProxy.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/PropertyBeanSetter.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/hibernate/HikariDataSource.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/hibernate/HikariConfigMXBean.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/HikariPoolMXBean.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/CallableStatementProxy.java
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/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/StatementProxy.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/FastList.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/IHikariConnectionProxy.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/ConcurrentBag.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/IBagStateListener.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/GlobalPoolLock.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/ProxyFactory.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/LeakTask.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/Java8ConcurrentBag.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/HikariConfig.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/DriverDataSource.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/IBagStateListener.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/DefaultThreadFactory.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/GlobalPoolLock.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/ProxyFactory.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/ResultSetProxy.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/LeakTask.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/Java8ConcurrentBag.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/HikariConfig.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/DriverDataSource.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/IBagStateListener.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/DefaultThreadFactory.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/GlobalPoolLock.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/ProxyFactory.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/proxy/ResultSetProxy.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/LeakTask.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/util/Java8ConcurrentBag.java */
/* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/HikariConfig.java */
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* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/metrics/CodaHaleMetricsTracker.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/BaseHikariPool.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/MetricsTracker.java
* /opt/cola/permits/1170368532_1622593794.75/0/hikaricp-2-3-13-sources-4-jar/com/zaxxer/hikari/pool/HikariPool.java
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1.114 ruby-minitest 5.9.0-1
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* /opt/ws_local/PERMITS_SQL/1073203553_1595301270.39/0/ruby-minitest-5-9-0-orig-1-tar-gz/minitest-5.9.0/README.rdoc
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* /opt/ws_local/PERMITS_SQL/1073203553_1595301270.39/0/ruby-minitest-5-9-0-orig-1-tar-gz/minitest-5.9.0/lib/minitest/benchmark.rb

1.115 libaudit 1:2.8.5 2ubuntu6
1.115.1 Available under license :

Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: auditd
Source: https://people.redhat.com/sgrubb/audit/

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### 1.116 minitest 5.11.3

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```

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```

---

### 1.117 libutempter 1.1.6 4.el7

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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
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 jar/io/netty/handler/codec/ValueConverter.java
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 jar/io/netty/handler/codec/CharSequenceValueConverter.java
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/**
 * A decoder that splits the received ByteBufs dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 * <p>
 * LengthFieldBasedFrameDecoder} has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
* * <pre>
* | lengthFieldOffset  | lengthFieldLength  | lengthAdjustment | initialBytesToStrip |
* | 0               | 2               | 0              | 0               |
* +----------------+-----------------+-----------------+-----------------+
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* | | Actual Content | | Actual Content |
* | 0x000C | "HELLO, WORLD" | 0x000C | "HELLO, WORLD" |
* +----------------+-----------------+-----------------+-----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* <tt>{@link ByteBuf#readableBytes()}</tt>, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* * <pre>
* | lengthFieldOffset  | lengthFieldLength  | lengthAdjustment | initialBytesToStrip |
* | 0               | 2               | 0              | 2               |
* +----------------+-----------------+-----------------+-----------------+
* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* | | Actual Content |
* | 0x000C | "HELLO, WORLD" |
* +----------------+-----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
length field represents the length of the whole message, including the
message header. In such a case, we specify a non-zero
<tt>lengthAdjustment</tt>. Because the length value in this example message
is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
as <tt>lengthAdjustment</tt> for compensation.

```
lengthFieldOffset   =  0
lengthFieldLength   =  2
<b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
initialBytesToStrip =  0
```

* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>

<h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>

* The following message is a simple variation of the first example. An extra
  header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
  again because the decoder always takes the length of the prepended data into
  account during frame length calculation.
*<pre>
<b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
<b>lengthFieldLength</b>   = <b>3</b>
lengthAdjustment    = 0
initialBytesToStrip = 0
```

* BEFORE DECODE (17 bytes)         AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* | 0xCAFE  | 0x00000C | "HELLO, WORLD" |      | 0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

<h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>

* This is an advanced example that shows the case where there is an extra
  header between the length field and the message body. You have to specify a
  positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
  header into the frame length calculation.
*<pre>
lengthFieldOffset   = 0
lengthFieldLength   = 3
<b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
initialBytesToStrip = 0
```
Before decode (17 bytes) ------------------ After decode (17 bytes)
| Length | Header 1 | Actual Content |------>| Length | Header 1 | Actual Content |
| 0x00000C | 0xCAFE | "HELLO, WORLD" |      | 0x00000C | 0xCAFE | "HELLO, WORLD" |

Before decode (16 bytes) ------------------ After decode (13 bytes)
| HDR1 | Length | HDR2 | Actual Content |------>| HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |

Before decode (16 bytes) ------------------ After decode (13 bytes)
| HDR1 | Length | HDR2 | Actual Content |------>| HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |

Let's give another twist to the previous example. The only difference from
the previous example is that the length field represents the length of the
whole message instead of the message body, just like the third example.
We have to count the length of HDR1 and Length into \texttt{lengthAdjustment}.\footnote{Please note that we don't need to take the length of HDR2 into account
because the length field already includes the whole header length.}
* HDR1 | Length | HDR2 | Actual Content |
* 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |
* +----------------+ +----------------+
* @see LengthFieldPrepender

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/opt/cola/permits/1108987133_1606240494.96/0/netty-codec-4-1-32-final-sources-1-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
/opt/cola/permits/1108987133_1606240494.96/0/netty-codec-4-1-32-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallProvider.java
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* /opt/cola/permits/1108987133_1606240494.96/0/netty-codec-4-1-32-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
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*/
jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
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jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
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jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/cola/permits/1108987133_1606240494.96/0/netty-codec-4-1-32-final-sources-1-
jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/cola/permits/1108987133_1606240494.96/0/netty-codec-4-1-32-final-sources-1-
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jar/io/netty/handler/codec/compression/CompressionUtil.java
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Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
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file (certdata.txt). This file can be found in the mozilla source tree:
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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.125 kmod-libs 25-16.el8

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1.129 libldap 2.4.48-r3

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1.130 cyrus-sasl-lib 2.1.26 23.el7

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

That's all there is to it!
/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 */
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*     combined, allow nicstar_free_rx_skb to be called to
*     recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
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*
*
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*
* M. Welsh, 6 July 1996
*
*
/*

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Version 2, June 1991

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1.133 python 3.8.2 0ubuntu2
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A. HISTORY OF THE SOFTWARE

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

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

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

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1.136 sed 4.5-1.el8

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This API enables you to retrieve licensing information.

```
`GET `/_xpack/license```

This API returns information about the type of license, when it was issued, and
when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[Float]
==== Query Parameters

`local`:
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

[Float]
==== Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

[Float]
==== Examples

The following example provides information about a trial license:

[source,js]
-------------------------------
GET _xpack/license
-------------------------------
// CONSOLE

[source,js]
-------------------------------
{
  "license": {
    "status": "active",
    "uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type": "trial",
    "issue_date": "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis": 1540073112332,
    "expiry_date": "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis": 1542665112332,
    "max_nodes": 1000,
    "issued_to": "test",
    "issuer": "elasticsearch",
    "start_date_in_millis": -1
  }
}
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`DELETE /_xpack/license`

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The following example queries the info API:

```
DELETE _xpack/license
```
When the license is successfully deleted, the API returns the following response:

```javascript
{
  "acknowledged": true
}
```

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The license can be deleted using the `deleteLicense()` method:

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

This request can be executed asynchronously:
The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes.

The asynchronous method does not block and returns immediately. Once it is completed, the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```plaintext
==== Query Parameters

`acknowledge`::
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

==== Request Body

`licenses`::
(array) A sequence of one or more JSON documents containing the license information.

==== Authorization

If `{es}` `{security-features}` are enabled, you need `manage` cluster privileges to install the license.

If `{es}` `{security-features}` are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

==== Examples

The following example updates to a basic license:

```json
POST /_xpack/license
{
    "licenses": [
    {
        "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
        "type":"basic",
        "issue_date_in_millis":1411948800000,
        "expiry_date_in_millis":1914278399999,
        "max_nodes":1,
        "issued_to":"issuedTo",
    }
    ]
}
"issuer":"issu3r",
"signature":"xx"
}
]
// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]

gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"

In these examples,

* `$<user>` is a user ID with the appropriate authority.
* `$<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `$<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]

{  "acknowledged": false,  "license_status": "valid"}
"acknowledge": {  
  "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter."
  
  "watcher": [  
    "Watcher will be disabled"
  ],
  
  "logstash": [  
    "Logstash will no longer poll for centrally-managed pipelines"
  ],
  
  "security": [  
    "The following X-Pack security functionality will be disabled: ..."]

}

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source.js]

```
POST _xpack/license?acknowledge=true
{
  "licenses": [ 
    { 
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
```

// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]

```
curl -X PUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json
```

// NOTCONSOLE
For more information about the features that are disabled when you downgrade your license, see  {stack-ov}/license-expiration.html[License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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The license can be added or updated using the `getLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
```

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
```

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
```

The asynchronous method does not block and returns immediately. Once it is
completed the `ActionListener` is called back using the `onResponse` method if
the execution successfully completed or using the `onFailure` method if
it failed.

A typical listener for `GetLicenseResponse` looks like:

["source","java",subs="attributes,callouts,macros"]

--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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### Update License

The license can be added or updated using the `putLicense()` method:

```java
"source", "java", subs="attributes,callouts,macros"
```

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

1. Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.
2. A JSON document containing the license information.

### Response

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
"source", "java", subs="attributes,callouts,macros"
```

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

1. The status of the license
2. Make sure that the license is valid.
3. Check the acknowledge flag. It should be true if license is acknowledged.
4. Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
and check component-specific messages in `acknowledgeMessages()`.

[[@java-rest-high-put-license-async]]

==== Asynchronous Execution

This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]

---------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
---------------------------------------------

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

["source","java",subs="attributes,callouts,macros"]

---------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
---------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument

Elasticsearch X-Pack

Copyright 2009-2017 Elasticsearch
[role="xpack"]

[[license-settings]]

=== {xpack} License Settings

++++
<titleabbrev>License Settings</titleabbrev>

++++

You can configure this licensing setting in the `elasticsearch.yml` file. For more information, see [stack-ov]/license-management.html[License management].

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features. +
+
--

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The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

```
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java
```

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

```
WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
```

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===========================================================================
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mecab-ipadic-2.7.0-20070801

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    acknowledge: true
    body: |
    "licenses": [{ "uid": "894371dc-9749-4997-93cb-802e3d7faa48", "type": "trial", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1916957699999, "max_nodes": 1, "issued_to": "issuer", "issuer": "signature": "AAAAAgAAAAA0FWH0t9njjtjQ2qamMQAABMc9ZN0jhZDBGYnYRxPxCOWS5b3fjZDAxOWpSbTVoMVZwUrzVxk1PSmkxakxDZw5IMh1THNoN1N2MXvRFk4d3JZTEx3R3RRZ0p3U3loWJKZnQvSEFva0ppTHBkWkprZWZSQj9iNmRQNk1SlpL0DalZCS095MXRGN1lIIZlpYcVVrTMrFcr32dhZmZrDFQrN3JQeGwxb0U0MXZ0dDJHSErIZTVLOHNzSDByWmpoZEpZHBEZjUrTVfxRensburgxWSWjZlJaOdzVzEmznUjNkw7NWM5U0QuV2plauO4Q10Uml4MXNuL0pSOEhQaVB2azhmuUK9QVzFEFToMq10RnXJSG53Mw2k055c28zSmRnVf123QkJLV2VUXmVHNZD2R3o2VE1q bVQrQS2lxOhN5bUErZINWkZSVmZjWetaSU9wT7TJENDvVT1NCYklacUYyK2FwWR9xa066dMbMzMsGQi c3FWOTg3Z3UcXMQsKt2RZUZwMFJznZzVlL2d2dRwuzh6UGp5dENGWFreXNKhkeNQ9PQAQQBZKqvza0tW trxhUZ1QbaTsKTna9C5KVq6p8y8g1pnsBPzZC8kI1srgoFm1bqX9J1wvf5wmnYiH3hRth09EyaCBQaLk8 NXXQ6fTkQOpEnnuBwA4YUKzZKsvhuOok4b4mzwCt8AakzrTeBTBbog+57CsUa9Y37Gkd+1JXQCpxP+jO EU7guxXwZ6Eo0uroLcv11y90k0CFCBkbpTs5jCig3RZu3VthYheee74XQ9PBravhx73T4U0EdQZX/P1iB SQIWKbBRD5YQ1POYVjTayoltKnWMxTeAckaJTJzLhpBEHST7kZWjrTS61j1dCreJc7a8Vsj/78HXvOHy"
}]

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    "licenses": [{ "uid": "893361dc-9749-4997-93cb-802e3d7faa48", "type": "gold", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuer", "issuer": "signature": "AAAAAwAAAA2T3vqdBBeKqAsgxipAABBMc9ZN0jhZDBGYnYRxPxCOW5b3fjZDAxOWpSbTVoMVZwUrzVxk1PSmkxakxDZw5IMh1THNoN1N2MXvRFk4d3JZTEx3R3RRZ0p3U3loWJKZnQvSEFva0ppTHBkWkprZWZSQj9iNmRQNk1SlpL0DalZCS095MXRGN1lIIZlpYcVVrTMrFcr32dhZmZrDFQrN3JQeGwxb0U0MXZ0dDJHSErIZTVLOHNzSDByWmpoZEpZHBEZjUrTVfxRensburgxWSWjZlJaOdzVzEmznUjNkw7NWM5U0QuV2plauO4Q10Uml4MXNuL0pSOEhQaVB2azhmuUK9QVzFEFToMq10RnXJSG53Mw2k055c28zSmRnVf123QkJLV2VUXmVHNZD2R3o2VE1q bVQrQS2lxOhN5bUErZINWkZSVmZjWetaSU9wT7TJENDvVT1NCYklacUYyK2FwWR9xa066dMbMzMsGQi c3FWOTg3Z3UcXMQsKt2RZUZwMFJznZzVlL2d2dRwuzh6UGp5dENGWFreXNKhkeNQ9PQAQQBZKqvza0tW trxhUZ1QbaTsKTna9C5KVq6p8y8g1pnsBPzZC8kI1srgoFm1bqX9J1wvf5wmnYiH3hRth09EyaCBQaLk8 NXXQ6fTkQOpEnnuBwA4YUKzZKsvhuOok4b4mzwCt8AakzrTeBTBbog+57CsUa9Y37Gkd+1JXQCpxP+jO EU7guxXwZ6Eo0uroLcv11y90k0CFCBkbpTs5jCig3RZu3VthYheee74XQ9PBravhx73T4U0EdQZX/P1iB SQIWKbBRD5YQ1POYVjTayoltKnWMxTeAckaJTJzLhpBEHST7kZWjrTS61j1dCreJc7a8Vsj/78HXvOHy"
}]
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}  

- length: { license: 11 }

## license version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ["licenses":[{"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":1411948800000,"feature":"shield","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null}]]  

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}  

- length: { license: 11 }

## multiple licenses version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body: |
GM5TUhQV2plaUo4Q1JOuIm4MXNuL0pSOEhQaVB2azhmUk9QVzhFeTFOm1Q0RnJXSG53MWk2K055c28zSmRnVkf1b2JSQkFLy2VXUmVHNDZ2R3o2VE1qbVNQS2lxOHN5bUeZlnIwkZSVMzIWEItaSU9wTTJENDVvT1NCYklacUyYk2FwRW9xa0t6lldMmbmMzSGtQc3FWOTg2Z3ZUcXMvQkt2RUZwMFJnZs2l2d2hDRWUzh6UG5pdENQGFReXSNKkE9FPQAAA4QXbMvUmnMn4E2h4R4TQJmjhtxQj4LjQPO4f1M79uxXkDlGcH+J5pRHo80oTRpFL11ED+9p+PIg307Vvo+NPDsXcXWrYwZeYkOLAO3ny9v9Qga+52jYhMxluFr9XbCSCSnpMhGojgOIPUWgicipVdcim0+Gk8VtkIB1wPwFxOjOnPppJcx3WYtpkeAUUoYWUYiFIBae4bnz84If+xwLkbgYk6aHf25ECBdhtUruhcm9y9JEFpoeIUtOuOvkvK9C+NJZ4OivCkV4xRgAR2x9PONH8zn0QGhGyJGbisoCxmDmlLsvVxqXMn3r7jdsEJScAI5rsLDOu6H"

{"uid":"893361dc-9749-4997-93cb-802e3d0f77aa","type":"internal","subscription_type":"none","issue_date_in_millis":1443484800000,"feature":"watcher","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":"issuedTo","issuer":"issuer","signature":"AAAAAQAAAA0Sc90guRIaQEmgLvMnAAABmC9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpsbTvOvMVZwUzRxVt1PSmsxaxZdW5MithTlHoN1N2MXMvRFk4d3JTZEex3R3RRZ0pzU3lobWJKZnQySEFvao0ppTHBkWkpRZWZSi9iNmRqNKnw1slpLNd0DalZC095MXRGN1lHlzYcVvTTnFrcTEDzHjZmdRdFQrN3JQgeGbxb0U0MXZ0dJHSErIzTVLOHnZ5DByWnpoEPbZHBEZjuTRTVBeRNNNSXNiVVJlZlaODdZvMzUjNiUWkTNGWM5TUhQV2plaUo4Q1JOuIm4MXNuL0pSOEhQaVb2azhmUk9QVzhFeTFOm1Q0RnJXSG53MWk2K055c28zSmRnVkf1b2JSQkFLy2VXUmVHNDZ2R3o2VE1qbVNQS2lxOHN5bUeZlnIwkZSVMzIWEItaSU9wTTJENDVvT1NCYklacUyYk2FwRW9xa0t6lldMmbmMzSGtQc3FWOTg2Z3ZUcXMvQkt2RUZwMFJnZs2l2d2hDRW Uzh6UG5pdENQGRfrleXSNKkE9FPQAAA4QXbMvUmnMn4E2h4R4TQJmjhtxQj4LjQPO4f1M79uxXkDlGcH+J5pRHo80oTRpFL11ED+9p+PIg307Vvo+NPDsXcXWrYwZeYkOLAO3ny9v9Qga+52jYhMxluFr9XbCSCSnpMhGojgOIPUWgicipVdcim0+Gk8VtkIB1wPwFxOjOnPppJcx3WYtpkeAUUoYWUYiFIBae4bnz84If+xwLkbgYk6aHf25ECBdhtUruhcm9y9JEFpoeIUtOuOvkvK9C+NJZ4OivCkV4xRgAR2x9PONH8zn0QGhGyJGbisoCxmDmlLsvVxqXMn3r7jdsEJScAI5rsLDOu6H"

"Should throw 404 after license deletion":
- do:
  xpack.license.delete: {}
body:

{"license": {"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "gold", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuer", "issue": "signature": "AAAAAgAAAA0lKPZ0a7aZquUltho/AAABmC9ZN0hjZDBGvNvYxRpACOW5Bb3FjZDAxOWpSbTvOMVZwUzRxVkI5SmkaxkZdW5IMlhiTHNoN1N2MXMvRfc4d3JTZEx3R3RZ0pzU3loboWJKZnQvSEFva0ppTHBkWkpZVWSZQ9iNnRF filled the grant with a valid license.

- match: { license_status: "valid" }

- do:

  - do: xpack.license.get: {}

  - length: { license: 11 }

  ---

  "Cannot start basic":

  - do:

    catch: bad_request

    xpack.license.post:

    acknowledge: true

    body: |

    "Cannot start basic":  "Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire." }
"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":

- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }
- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }
- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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1.149 python-backports-ssl-match-hostname

3.5.0.1 1.el7

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

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

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

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

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

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

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

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $(srcdir)/%.c

$(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $(srcdir)/%.cpp
## Dependency rules

%.d: $(srcrel)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$\{\$(GEN_DEPS.c) $< \}
| sed \"\"s/\$(\$*)\>/\@/\ " > $@; \$
[ -s $@ ] || rm -f $@

%.d: $(srcrel)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$\{\$(GEN_DEPS.cc) $< \}
| sed \"\"s/\$(\$*)\>/\@/\ " > $@; \$
[ -s $@ ] || rm -f $@

## Versioned libraries rules

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

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

## Bind internal references

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

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

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

## End BSD-specific setup

### 1.153 p-finally 1.0.0

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1.154 liblsan 8.3.0 6

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DRuntime: Runtime Library for the D Programming Language
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Version 3.1, 31 March 2009

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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
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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Eclipse

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

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

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

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Oracle

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

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

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Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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

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

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Apache

The following artifacts are ASL2 licensed.

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

------

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.159 libzstd1 1.4.4+dfsg 3ubuntu0.1

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Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: appveyor.yml
   build/*
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   .travis.yml
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#*STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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------------

. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <mark.martinec@ijs.si>.

Please look into snprintf.c for the copyright message.

The complete snprintf package together with documentation is available from

    http://www.ijs.si/software/snprintf/  .

. The `grn' preprocessor, written by Barry Roitblat <bary@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

The original package can be found at


    src/preproc/grn/gprint.h
    src/preproc/grn/hdb.cpp
    src/preproc/grn/hgraph.cpp
    src/preproc/grn/hpoint.cpp
    src/preproc/grn/main.cpp

. The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

    src/devices/xditview/DESC.in
    src/devices/xditview/Dvi.c
    src/devices/xditview/Dvi.h
    src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c

src/include/DviChar.h
src/include/XFontName.h

src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c

Macro Packages
--------------

. The -mdoc macro set, using the BSD license.

tmac/doc.tmac
tmac/doc-old.tmac
tmac/doc-common
tmac/doc-ditroff
tmac/doc-nroff
tmac/doc-syms
tmac/groff_mdoc.man

. The -me macro set, using the BSD license.

tmac/e.tmac
tmac/groff_me.man
Hyphenation Patterns

---------------------

. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of the TeX system written by Donald E. Knuth; the master file can be found at

    ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

It has been renamed for consistency, i.e., to make patterns available under the filenames `hyphen.<language>', e.g. `hyphen.de' or `hyphen.uk'.

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. The file `tmac/hyphen.fr' contains the same patterns as the file `frhyph.tex' (for TeX), which can be found at

    http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex

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. The file `tmac/hyphen.sv' is identical to the file `svhyph.tex', which can be found at

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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyphn.tex' and `dehypht.tex' (for TeX), which can be found at

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. The file `tmac/hyphenex.det' is identical to the file `dehyphtex.tex', which can be found at

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The file `tmac/hyphen.cs' contains the same patterns as the file `czhyphen.tex' (for TeX), which can be found in the archive

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===========================================================================
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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mecab-ipadic-2.7.0-20070801

which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz
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http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

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[role="xpack"]
[testenv="basic"]
[[get-license]]
=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++

This API enables you to retrieve licensing information.

[float]
==== Request

`GET /_xpack/license`

[float]
==== Description

This API returns information about the type of license, when it was issued, and when it expires, for example.
For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```
```
==== Query Parameters

`local`:
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

```
```
==== Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

```
```
==== Examples

The following example provides information about a trial license:

```
[source,js]
--------------------------------------------------
GET _xpack/license
--------------------------------------------------
// CONSOLE
[source,js]
--------------------------------------------------
{
  "license" : {
    "status" : "active",
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type" : "trial",
    "issue_date" : "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis" : 1540073112332,
    "expiry_date" : "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis" : 1542665112332,
    "max_nodes" : 1000,
    "issued_to" : "test",
    "issuee" : "elasticsearch",
    "start_date_in_millis" : -1
  }
}
--------------------------------------------------
```
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1.993 0 0 0 8 1zM2 4.2C1.34 4.2 3.65 3.65 3c0-.65-.55 1.2 1.2 1.2.65 0 1.2.55 1.2 1.2 .65-.55 1.2-1.2 1.2zm3 10c-
.66-1.2-1.2-1.2-1.2-.65 0 1.2.55 1.2 1.2 1.2 0 .65-.55 1.2-1.2 1.2 1.2-.65 0 1.2.55 1.2 1.2 0 .65-.55 1.2-1.2 1.2

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</a>
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data-pjax="#js-repo-pjax-container">
<span itemscope itemtype="http://schema.org/ListItem" itemprop="itemListElement">
<a href="/vt-middleware/cryptacular" class="js-selected-navigation-item selected reponav-item" data-hotkey="g
c" data-selected-links="repo_source repo_downloads repo_commits repo_releases repo_tags repo_branches /vt-
middleware/cryptacular" itemprop="url">
<svg aria-hidden="true" class="octicon octicon-code" height="16" version="1.1" viewBox="0 0 14 16"
width="14"><path fill-rule="evenodd" d="M9.5 3L8 4.5 11.5 8 11.5 9.5 13 14 8 11.5 9.5 13 14 9.5 3zm-5 0L0 8l4.5 4.5L11.5 8l1.5 1.5l3 3zm0 1L3 3l4.5 4.5l1.5 1.5l3 3z"/></svg>
</a>  
</span>
</nav>
</div>

<nav class="reponav js-repo-nav js-sidenav-container-pjax"
itemscope
itemtype="http://schema.org/BreadcrumbList"
role="navigation"
data-pjax="#js-repo-pjax-container">
<span itemscope itemtype="http://schema.org/ListItem" itemprop="itemListElement">
<a href="/vt-middleware/cryptacular" class="js-selected-navigation-item selected reponav-item" data-hotkey="g
c" data-selected-links="repo_source repo_downloads repo_commits repo_releases repo_tags repo_branches /vt-
middleware/cryptacular" itemprop="url">
<svg aria-hidden="true" class="octicon octicon-code" height="16" version="1.1" viewBox="0 0 14 16"
width="14"><path fill-rule="evenodd" d="M9.5 3L8 4.5 11.5 8 11.5 9.5 13 14 8 11.5 9.5 13 14 9.5 3zm-5 0L0 8l4.5 4.5l1.5 1.5l3 3zm0 1L3 3l4.5 4.5l1.5 1.5l3 3z"/></svg>
</a>  
</span>
</nav>

<nав class="reponav js-repo-nav js-sidenav-container-pjax"
itemscope
itemtype="http://schema.org/BreadcrumbList"
role="navigation"
data-pjax="#js-repo-pjax-container">
<span itemscope itemtype="http://schema.org/ListItem" itemprop="itemListElement">
<a href="/vt-middleware/cryptacular" class="js-selected-navigation-item selected reponav-item" data-hotkey="g
c" data-selected-links="repo_source repo_downloads repo_commits repo_releases repo_tags repo_branches /vt-
middleware/cryptacular" itemprop="url">
<svg aria-hidden="true" class="octicon octicon-code" height="16" version="1.1" viewBox="0 0 14 16"
width="14"><path fill-rule="evenodd" d="M9.5 3L8 4.5 11.5 8 11.5 9.5 13 14 8 11.5 9.5 13 14 9.5 3zm-5 0L0 8l4.5 4.5l1.5 1.5l3 3zm0 1L3 3l4.5 4.5l1.5 1.5l3 3z"/></svg>
</a>  
</span>
</nav>

<a href="/vt-middleware/cryptacular" class="url fn" rel="author">vt-
middleware</a></span><!--
--><span class="path-divider">/</span><!--
--><strong itemprop="name"><a href="/vt-middleware/cryptacular" data-pjax="#js-repo-pjax-
container">cryptacular</a></strong>
</h1>

</nav>

</h1>
Update year in notice.
Cryptacular Java Library

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This API enables you to delete licensing information.

`DELETE /_xpack/license`

When your license expires, xpack operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

The following example queries the info API:
DELETE _xpack/license

// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:
[source,js]

```
{
  "acknowledged": true
}
```

// NOTCONSOLE
Apache HttpComponents Client
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The 70 level includes Brian's frequency class 0 and the 74,550 common dictionary words from the MWords package. The common dictionary words, like those from the 12Dicts package, have had all likely inflections added. The 70 level also included the 5desk list from version 4.0 of the 12Dics package which is in the public domain.

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Version 3.1, 31 March 2009

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--- Delete License

--- Execution

The license can be deleted using the `deleteLicense()` method:

--- Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.
Asynchronous Execution

This request can be executed asynchronously:

```java
// The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
// Called when the execution is successfully completed. The response is provided as an argument
// Called in case of failure. The raised exception is provided as an argument
```

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This API enables you to update your license.

`PUT _xpack/license`
==== Description

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[Float]
==== Query Parameters

`acknowledge`:
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

[Float]
==== Request Body

`licenses`:
(array) A sequence of one or more JSON documents containing the license information.

[Float]
==== Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

[Float]
==== Examples

The following example updates to a basic license:

[source,js]
---------------------------------------------
POST _xpack/license
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
    

---------------------------------------------
NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

```javascript
[source,js]
[source,shell]
```

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

```bash
// NOTCONSOLE
```

On Windows machine, use the following command:

```bash
[source,shell]
```

```bash
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

- `<user>` is a user ID with the appropriate authority.
- `<host>` is the hostname of the {es} node (`localhost` if executing locally)
- `<port>` is the http port (defaults to `9200`)
- `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:
To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

```javascript
POST _xpack/license?acknowledge=true
```
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

For more information about the features that are disabled when you downgrade your license, see [License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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```java
=== Get License

```

The license can be added or updated using the `getLicense()` method:

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
--------------------------------------------------

```

== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
--------------------------------------------------

```

<1> The text of the license.

```java
== Asynchronous Execution

This request can be executed asynchronously:

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
--------------------------------------------------

```

<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
```
<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument

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```java
[[java-rest-high-put-license]]
=== Update License

[[java-rest-high-put-license-execution]]
==== Execution

The license can be added or updated using the `putLicense()` method:

```java
["source","java",subs="attributes,callouts,macros"]
```
```
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.

<2> A JSON document containing the license information.

```java
[[java-rest-high-put-license-response]]
==== Response

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
["source","java",subs="attributes,callouts,macros"]
```
```
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

<1> The status of the license

<2> Make sure that the license is valid.
Check the acknowledge flag. It should be true if license is acknowledged.
Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
and check component-specific messages in `acknowledgeMessages()`.

[[java-rest-high-put-license-async]]

Asynchronous Execution

This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
--------------------------------------------------

The `PutLicenseRequest` to execute and the `ActionListener` to use when
the execution completes

The asynchronous method does not block and returns immediately. Once it is
completed the `ActionListener` is called back using the `onResponse` method
if the execution successfully completed or using the `onFailure` method if
it failed.

A typical listener for `PutLicenseResponse` looks like:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is
provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features. +

--
If set to `trial`, the self-generated license gives access only to all the features of a x-pack for 30 days. You can later downgrade the cluster to a basic license if needed.

--
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JUnRAR (https://github.com/edmund-wagner/junrar/)

JUnRAR is based on the UnRAR tool, and covered by the same license.

It was formerly available from http://java-unrar.svn.sourceforge.net/

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Thank you for your interest in RAR and UnRAR. Alexander L. Roshal

Sqlite (bundled in org.xerial's sqlite-jdbc)

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---

teardown:
- do:
  xpacc.license.post:
    acknowledge: true
    body: |
      {"licenses":[{"uid":"3aa62ffe-36e1-4fad-bfdc-9df8301eb22","type":"trial","issue_date_in_millis":1523456691721,"expiry_date_in_millis":1838816691721,"max_nodes":5,"issued_to":"customer","issuer":"elasticsearch","signature":"AAAABAAAAA2kWNcuc+DT0rlmYZKA AAAlAo5v6hrsGh1GqqfJmy4qngmEC7gK0U4qz6q5ZEMhm4jAAABAEen6fG9y2VxBu2T3D5hhz56kzOQOD COdhr0y2d17ZSIJMRqO7ZywPCWNSIaR33GhtHkTER0ysML0xMH/gXavhyRvMnBndJl0UBKzuwpTawSlnx YtcQ8nSB1vJC7KiuJ1SpAILC2ZP9fnkRlqwXgBIWtfYn7x7g9u9DKrOWru/spTPObo7jcePil8VTK6nWFen7/h CFDQfTUf2Z0Qvd+nq7AIPAchHGNxGodbMVmAoXCIxGWhRfT3cl9/vadgo+isNyh1sPq9m7gswvBAKiAlFrp H2EXYYbfOxsPvUmhYMgErLg1k3/CbS0pCWlK0aX1xTMayosdZOjagU3auZXY=","start_date_in_millis":-1}]}---
## current license version

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    {"licenses":[]}

## a license object has 11 attributes

- length: { license: 11 }

## bwc for licenses format

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    {"licenses":[]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}
- match: { license_status: "valid" }

- do:
  
  xpack.license.get: {}

- length: { license: 11 }

### license version: 1.x

- do:
  
  xpack.license.post:
  
  acknowledge: true
  body: |

  {"licenses": [{ "uid": "8933361dc-9749-4997-93cb-802e3d7fa4a8", "type": "subscription", "subscription_type": "gold", "issue_date_in_millis": 1411948800000, "feature": "shield", "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAAAAAA0LVAywwpSH94cyXr42AAABmC9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTVoMVZwUzRxVkJPsmxxakxZdW51MlhITHNoN1N2MXMvRfK4d3JTZE3RI3RRZ0pzU3lobWKZnQvSEFva0ppTHBkWkpwrZWZSQui9NmRQNkw15plN0IdalZCS095MXRGN1l1ZlpYcVVTnFrcTED2zhZmZrdFQnN3JQeGwxb0U0MXZ0ddDJHSEriZTVLOHnz5SDByWnpoZEpHZHEZjUrtTBxRENNXSXnWWJjZlIaODdzVnEzuUjNiWkttNWGM5TUhQV2pLa0u4QJOUt4MNXuL0pSOEhQaVB2ahhzUk9QVzFeFTFoM1Q0RnJXSG53MWk2K05sc28smRnvKFhBJSQkFLv2VXumVHNDZ2Ro2vEiqbvNQ5S2lxOHN5bUEzJINWiKZv5SWmZIWEtuSUA9wTTJENDVvT1NCYklaUYyK2FwRW9xa06dldMmbmZsGtQc3FWOTgzz3ZucXMvQkt2RUZwMFJnZzivL2d2bDRWUzh6UG5pENGWFtreXNKKk4r6HypA4rQcsc/URRZVdFoLwgy9dqbYEQLW8YLiAiYPV5XHHHdtk+diZlEpiNEDkUXHS2wVJlsNRD8/4kqpDfwNoD2TUM8fTgllfiSiZYGDTGST+yW/5cAveEU5J5v1liBN27b wkqL+v4YAa07cmonNkkQwKAtU3v8chPkiCGCHE0kQgVwPC9RE82pTwos6/uR4PILGNNtqPM0uiE5nuucFvrtj89JQIo/KA/7zYFbo7VTNXxZQ77r7ZWBCP9lJptXzcWuk08Q5S+r5oJNYbo3HGeKtCVsRz55rcNtwdKKXuIwnSeir4I1/KLduQTFLy0+1th87VS78T88UT" ]}]

- match: { license_status: "valid" }

- do:
  
  xpack.license.get: {}

- length: { license: 11 }

### multiple licenses version: 1.x

- do:
  
  xpack.license.post:
  
  acknowledge: true
  body: |

  {"licenses": [{ "uid": "8933361dc-9749-4997-93cb-802e3d7fa4a8", "type": "internal", "subscription_type": "none", "issue_date_in_millis": 1411948800000, "feature": "shield", "expiry_date_in_millis": 1440892799999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAAAAAA0LVAywwpSH94cyXr42AAABmC9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTVoMVZwUzRxVkJPsmxxakxZdW51MlhITHNoN1N2MXMvRfK4d3JTZE3RI3RRZ0pzU3lobWKZnQvSEFva0ppTHBkWkpwrZWZSQu9NmRQNkw15plN0IdalZCS095MXRGN1l1ZlpYcVVTnFrcTED2zhZmZrdFQnN3JQeGwxb0U0MXZ0ddDJHSEriZTVLOHnz5SDByWnpoZEpHZHEZjUrtTBxRENNXSXnWWJjZlIaODdzVnEzuUjNiWkttNWGM5TUhQV2pLa0u4QJOUt4MNXuL0pSOEhQaVB2ahhzUk9QVzFeFTFoM1Q0RnJXSG53MWk2K05sc28smRnvKFhBJSQkFLv2VXumVHNDZ2Ro2vEiqbVnQ5S2lxOHN5bUEzJINWiKZv5SWmZIWEtuSUA9wTTJENDVvT1NCYklaUYyK2FwRW9xa06dldMmbmZsGtQc3FWOTgzz3ZucXMvQkt2RUZwMFJnZzivL2d2bDRWUzh6UG5pENGWFtreXNKKk4r6HypA4rQcsc/URRZVdFoLwgy9dqbYEQLW8YLiAiYPV5XHHHdtk+diZlEpiNEDkUXHS2wVJlsNRD8/4kqpDfwNoD2TUM8fTgllfiSiZYGDTGST+yW/5cAveEU5J5v1liBN27b wkqL+v4YAa07cmonNkkQwKAtU3v8chPkiCGCHE0kQgVwPC9RE82pTwos6/uR4PILGNNtqPM0uiE5nuucFvrtj89JQIo/KA/7zYFbo7VTNXxZQ77r7ZWBCP9lJptXzcWuk08Q5S+r5oJNYbo3HGeKtCVsRz55rcNtwdKKXuIwnSeir4I1/KLduQTFLy0+1th87VS78T88UT" ]}]

- match: { license_status: "valid" }

- do:
  
  xpack.license.get: {}

- length: { license: 11 }

### multiple licenses version: 1.x
- match: { license_status: "valid" }

- do: xpack.license.get: {}

- length: { license: 11 }

- match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }

---

"Should throw 404 after license deletion":

- do: xpack.license.delete: {}  

- match: { acknowledged: true }

- do: xpack.license.get: {}

- catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version

- do: xpack.license.get: {}

- catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version

- do:
xpack.license.post:
  acknowledge: true
  body: |
  
  "license": { "uid": "893361dc-9749-4997-93cb-802e3d7fafa48", "type": "gold", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issued_to", "issuer": "issuer", "signature": "AAAAAgAAAA3U8+YmnvwC+CWsV/mRABmC9Z20hjZDBGYnVyrXpcOW5Bb3fjZDAXowPsbTVoMVZwUzRxVklPskmxaZzdW5jMhIlTHN0N1N2MXMrRFk4d3FTZeX3R3RRZ0pzU3loWVJKZnQvSFEva0p7THbkwkprZWZSqi99mRQkw1slpLN0dalcZSO95MXRGN11ZlpYcVTVTnFrcTE2dzhlZmZrdFqrN3JQeGxb0u00M0dJHSERZTVLOHNzSDBYwnpoZEpHzhBEzJrTvRbxRENNSXnswWljZIladOdzVmEzUjNiWktNWGM5TUhuQV2plaU0o4Q1JOuml4MXXUNl0pS0EhQaVBazhmUk9QVzheFeTFOm1Q0RaNXJG53MWk2K055c8zuSnVnFvF1bJSQkFLV2VXuMvHNDZ2R3o2VE1qBVNVQS21oX0HNd5bUeZRNINwKZSVmZIWEtuSU9WttJENDVvT1NcYklacUyyK2FwRW9xa066ddMbMz5GtQc3FWOTgzZ3UcXMvQkz2RUZwMfJnzvl2Vd2bDRWUzh6Ug5pdENGWFReXNKnkE9PQAAAQB e8FgDm6t537Iluuvjetb3xK5dv90K5Qapv+rczWcFxGuzfbP8plgetP1aAGZP4uRESDqPMIOCxs4dUqQAm97GbQ393P+PogInfPfeEH9NvOmaQovmVM95E6D5dQIXc4XoSo+bgWpXPtd2LmopoQc1X5d6BZ8GeuyYpVHVkm9p9U0iTAYjw6HzYOE7+zu0IojYOxElqy66AnIfkvrHrvn+flym3t7d7TgDRA7w3bBhAqSntEaqbEhvDpHQoDSR99GaEvH01paK01/55iF6OXH5fC7CJ+558GRXIXvzoeU7sGSt8g7JyzWv9bRCyU70b4B/nilHgG" }

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

---

"Cannot start basic":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
    
    "license": { "uid": "893361dc-9749-4997-93cb-802e3d7fafa48", "type": "basic", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0lKPZ0a7aZQuUltho/AAABmC9Z20hjZDBGYnVyrXpcOW5Bb3fjZDAXowPsbTVoMVZwUzRxVklPskmxaZzdW5jMhIlTHN0N1N2MxmVRFk4d3FTZeX3R3RRZ0pzU3loWVJKZnQvSFEva0p7THbkwkprZWZSqi99mRQkw1slpLN0dalcZSO95MXRGN11ZlpYcVTVTnFrcTE2dzhlZmZrdFqrN3JQeGxb0u00M0dJHSERZTVLOHNzSDBYwnpoZEpHzhBEzJrTvRbxRENNSXnswWljZIladOdzVmEzUjNiWktNWGM5TUhuQV2plaU0o4Q1JOuml4MXXUNl0pS0EhQaVBazhmUk9QVzheFeTFOm1Q0RaNXJG53MWk2K055c8zuSnVnFvF1bJSQkFLV2VXuMvHNDZ2R3o2VE1qBVNVQS21oX0HNd5bUeZRNINwKZSVmZIWEtuSU9WttJENDVvT1NcYklacUyyK2FwRW9xa066ddMbMz5GtQc3FWOTgzZ3UcXMvQkz2RUZwMfJnzvl2Vd2bDRWUzh6Ug5pdENGWFReXNKnkE9PQAAAQB e8FgDm6t537Iluuvjetb3xK5dv90K5Qapv+rczWcFxGuzfbP8plgetP1aAGZP4uRESDqPMIOCxs4dUqQAm97GbQ393P+PogInfPfeEH9NvOmaQovmVM95E6D5dQIXc4XoSo+bgWpXPtd2LmopoQc1X5d6BZ8GeuyYpVHVkm9p9U0iTAYjw6HzYOE7+zu0IojYOxElqy66AnIfkvrHrvn+flym3t7d7TgDRA7w3bBhAqSntEaqbEhvDpHQoDSR99GaEvH01paK01/55iF6OXH5fC7CJ+558GRXIXvzoeU7sGSt8g7JyzWv9bRCyU70b4B/nilHgG" }

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
    
    "license": { "uid": "893361dc-9749-4997-93cb-802e3d7fafa48", "type": "basic", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0lKPZ0a7aZQuUltho/AAABmC9Z20hjZDBGYnVyrXpcOW5Bb3fjZDAXowPsbTVoMVZwUzRxVklPskmxaZzdW5jMhIlTHN0N1N2MxmVRFk4d3FTZeX3R3RRZ0pzU3loWVJKZnQvSFEva0p7THbkwkprZWZSqi99mRQkw1slpLN0dalcZSO95MXRGN11ZlpYcVTVTnFrcTE2dzhlZmZrdFqrN3JQeGxb0u00M0dJHSERZTVLOHNzSDBYwnpoZEpHzhBEzJrTvRbxRENNSXnswWljZIladOdzVmEzUjNiWktNWGM5TUhuQV2plaU0o4Q1JOuml4MXXUNl0pS0EhQaVBazhmUk9QVzheFeTFOm1Q0RaNXJG53MWk2K055c8zuSnVnFvF1bJSQkFLV2VXuMvHNDZ2R3o2VE1qBVNVQS21oX0HNd5bUeZRNINwKZSVmZIWEtuSU9WttJENDVvT1NcYklacUyyK2FwRW9xa066ddMbMz5GtQc3FWOTgzZ3UcXMvQkz2RUZwMfJnzvl2Vd2bDRWUzh6Ug5pdENGWFReXNKnkE9PQAAAQB e8FgDm6t537Iluuvjetb3xK5dv90K5Qapv+rczWcFxGuzfbP8plgetP1aAGZP4uRESDqPMIOCxs4dUqQAm97GbQ393P+PogInfPfeEH9NvOmaQovmVM95E6D5dQIXc4XoSo+bgWpXPtd2LmopoQc1X5d6BZ8GeuyYpVHVkm9p9U0iTAYjw6HzYOE7+zu0IojYOxElqy66AnIfkvrHrvn+flym3t7d7TgDRA7w3bBhAqSntEaqbEhvDpHQoDSR99GaEvH01paK01/55iF6OXH5fC7CJ+558GRXIXvzoeU7sGSt8g7JyzWv9bRCyU70b4B/nilHgG" }

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- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }
---
"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }
---
"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }
---
"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true
---
"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: { }
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==============

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===========================

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

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

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

All Python releases are Open Source (see http://www.opensource.org for
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=======================================================

Mersenne Twister
---------------

The `random` module includes code based on a download from
`http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html`. The
following are the verbatim comments from the original code:

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

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

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Any feedback is very welcome.
http://www.math.keio.ac.jp/matumoto/emt.html
email: matumoto@math.keio.ac.jp

Sockets
-------

The 'socket' module uses the functions, 'getaddrinfo', and 'getnameinfo', which are coded in separate source files from the WIDE Project, 'http://www.wide.ad.jp/about/index.html'.

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.

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

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| 1.3 thru 1.5.2 | 1.2          | 1995-1999  | CNRI       | yes             |
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Mersenne Twister
--------------

The `:mod:` `_random` module includes code based on a download from
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the verbatim comments from the original code:

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

Before using, initialize the state by using init_genrand(seed)
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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- Arguments more compliant with Python standard

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-----------------------------

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test_epoll

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Select kqueue

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--------

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Original location:
https://github.com/majek/csiphash/

Solution inspired by code from:
  Samuel Neves (supercop/crypto_auth/siphash24/little)
  djb (supercop/crypto_auth/siphash24/little2)
  Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa
               --------

The file `Python/dtoa.c`, which supplies C functions dtoa and
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zlib
----

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cfuhash
-------

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

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

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@version 3.0 (December 2000)

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

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@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.182 perl-getopt-long 2.40 3.el7

1.183 ncurses-libs 5.9 14.20130511.el7_4

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1.186 shared-mime-info 1.8 5.el7

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1.189 openssh-sftp-server 8.4_p1-r3

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lib/gssapi/mechglue/g_compare_name.c
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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
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Camellia in libhcrypto

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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

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

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.203 jackson-xc 2.9.8
1.204 libpam-runtime 1.3.1 5

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 *
 * Authors:
 *   Steve Grubb <sgrubb@redhat.com>
 *
 * PAM module that sets the login uid introduced in kernel 2.6.11
 */

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1.207 rsync 3.1.3 6

1.207.1 Available under license:

This is Debian's prepackaged version of Andrew Tridgell and
Paul Mackerras' rsync utility.

This package provides the rsync program, which is a replacement
for rcp that uses the rsync algorythm to transfer only the
differences between two sets of files.

This package was put together by Philip Hands <phil@hands.com>,
from sources obtained from:
http://rsync.samba.org/ftp/rsync/rsync-2.5.4.tar.gz
The current version was downloaded from:
https://rsync.samba.org/ftp/rsync/src/rsync-3.1.3.tar.gz
on 2018-12-02 by Samuel Henrique <samueloph@debian.org>.

The changes were very minimal - merely adding support for the Debian
package maintenance scheme by adding various debian/* files.
The only significant change is passing the -4 / -6 options through to ssh.
See the debian/patches/ directory.

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Version 3, 29 June 2007

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Julian Seward, Cambridge, UK.
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@group
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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

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

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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

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

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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

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

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

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

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

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

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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
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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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### Get license API

This API enables you to retrieve licensing information.

```
GET /_xpack/license
```

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.
`local`: 
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

[float]
==== Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

[float]
==== Examples

The following example provides information about a trial license:

[source,js]
----------------------------------
GET _xpack/license
----------------------------------

// CONSOLE

[source,js]
----------------------------------

```
{
  "license": {
    "status": "active",
    "uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type": "trial",
    "issue_date": "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis": 1540073112332,
    "expiry_date": "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis": 1542665112332,
    "max_nodes": 1000,
    "issued_to": "test",
    "issuer": "elasticsearch",
    "start_date_in_millis": -1
  }
}
```

----------------------------------

// TESTRESPONSE["cbff45e7-c553-41f7-ae4f-9205eabd80xx"$/body.license.uid/]
// TESTRESPONSE["basic"$/body.license.type/]
// TESTRESPONSE["2018-10-20T22:05:12.332Z"$/body.license.issue_date/]
// TESTRESPONSE[1540073112332$/body.license.issue_date_in_millis/]
// TESTRESPONSE["2018-11-19T22:05:12.332Z"$/body.license.expiry_date/]
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  <link rel="fluid-icon" href="https://github.com/fluidicon.png" title="GitHub">
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  <meta content="https://avatars7.githubusercontent.com/u/6122907?v=4&s=400" property="og:image" />
  <meta content="GitHub" property="og:site_name" />
  <meta content="vt-middleware/cryptacular" property="og:title" />
  <meta content="https://github.com/vt-middleware/cryptacular" property="og:url" />
  <meta content="cryptacular - The friendly complement to the BouncyCastle crypto API for Java." property="og:description" />
  <link rel="assets" href="https://assets-cdn.github.com" />
</body>
</html>
<div class="select-menu-no-results">Nothing to show</div>

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

<div class="BtnGroup float-right">
  <a href="/vt-middleware/cryptacular/find/master"
    class="js-pjax-capture-input btn btn-sm BtnGroup-item"
    data-pjax
    data-hotkey="t">
    Find file
  </a>
  <button aria-label="Copy file path to clipboard" class="js-zeroclipboard btn btn-sm BtnGroup-item tooltipped tooltipped-s" data-copied-hint="Copied!" type="button">Copy path</button>
</div>
<div class="breadcrumb js-zeroclipboard-target">
  <span class="repo-root js-repo-root"><span class="js-path-segment"><a href="/vt-
middleware/cryptacular"><span>cryptacular</span></a></span>/NOTICE</span>
</div>

<div class="commit-tease">
  <span class="float-right">
    <a class="commit-tease-sha" href="/vt-
middleware/cryptacular/commit/6dd6f199ac3ecc3b4c5ae04be3bbe265a30a1" data-pjax>
      6dd6f19
    </a>
  </span>
  <div>
    @dfish3r <a href="/dfish3r" class="user-mention" rel="contributor">dfish3r</a>
    <a href="/vt-middleware/cryptacular/commit/6dd6f199ac3ecc3b4c5ae04be3bbe265a30a1" class="message" data-pjax="true" title="Update year in notice.">Update year in notice.</a>
  </div>
</div>

<div class="commit-tease-contributors">
  <button type="button" class="btn-link muted-link contributors-toggle" data-facebox="#blob_contributors_box">

</div>
Cryptacular Java Library

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Virginia Tech (http://www.vt.edu).
This API enables you to delete licensing information.

Request

`DELETE /_xpack/license`

Description

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].

Authorization

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

Examples

The following example queries the info API:

```
DELETE _xpack/license
```

When the license is successfully deleted, the API returns the following response:

```
```
{  
"acknowledged": true  
}

// NOTCONSOLE
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The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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Date: Sat, 08 Jul 2000 20:27:21 +0100  
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

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Date: Tue, 11 Jul 2000 19:31:34 +0100

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Test messages from the Perl-MIME-Tools project,

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[[java-rest-high-delete-license]]
=== Delete License

[[java-rest-high-delete-license-execution]]
==== Execution

The license can be deleted using the `deleteLicense()` method:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
--------------------------------------------------

[[java-rest-high-delete-license-response]]
==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which
returns true if the request was processed by all nodes.

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
--------------------------------------------------

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

[[java-rest-high-delete-license-async]]
==== Asynchronous Execution

This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
```

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- analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
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```
+++
<titleabbrev>Update license</titleabbrev>
++++

This API enables you to update your license.

`PUT _xpack/license`

`PUT _xpack/license`

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.
```
For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[float]
==== Query Parameters

`acknowledge`:
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

[float]
==== Request Body

`licenses`:
(array) A sequence of one or more JSON documents containing the license information.

[float]
==== Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

[float]
==== Examples

The following example updates to a basic license:

[source,js]
```
POST _xpack/license
{
"licenses": [
{
"uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
"type":"basic",
"issue_date_in_millis":1411948800000,
"expiry_date_in_millis":1914278399999,
"max_nodes":1,
"issued_to":"issuedTo",
"issuer":"issuer",
"signature":"xx"
}
```
```
NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

On Windows machine, use the following command:

[source,shell]

```bash
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `\<user>` is a user ID with the appropriate authority.
* `\<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `\<port>` is the http port (defaults to `9200`)
* `\license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]

```json
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": { 
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter.
  }
}
```
"watcher": [  "Watcher will be disabled"
],
"logstash": [  "Logstash will no longer poll for centrally-managed pipelines"
],
"security": [  "The following X-Pack security functionality will be disabled: ..."]
}
}

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the
`acknowledge` parameter to `true`. For example:

[source,js]

POST _xpack/license?acknowledge=true
{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}

// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]

curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

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OSXAdapter

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

### SnakYAML features ###

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

### Info ###

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

### Contribute ###

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution
The license can be added or updated using the `getLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
```

```java
[[java-rest-high-get-license-response]]
```

==== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
```

```java
<1> The text of the license.
```

```java
[[java-rest-high-get-license-async]]
```

==== Asynchronous Execution

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
```

```java
<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
```

```java
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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```java
"source","java",subs="attributes,callouts,macros"]
```
```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.
<2> A JSON document containing the license information.

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
"source","java",subs="attributes,callouts,macros"]
```
```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

<1> The status of the license
<2> Make sure that the license is valid.
<3> Check the acknowledge flag. It should be true if license is acknowledged.
<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
<5> and check component-specific messages in `acknowledgeMessages()`.

This request can be executed asynchronously:
The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

You can configure this licensing setting in the `elasticsearch.yml` file. For more information, see {stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features. +
+
--
If set to `trial`, the self-generated license gives access only to all the features of a x-pack for 30 days. You can later downgrade the cluster to a basic license if needed.
--

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[role="xpack"]
[[license-settings]]
=== {xpack} License Settings
++++
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Charset detection code from ICU4J (http://site.icu-project.org/)

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JUnRAR (https://github.com/edmund-wagner/junrar/)

JUnRAR is based on the UnRAR tool, and covered by the same license

It was formerly available from http://java-unrar.svn.sourceforge.net/

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---

teardown:
- do:
  - xpack.license.post:
    acknowledge: true
    body:
      {"licenses":[{"uid":"3aa62ffe-36e1-4fad-bfdc-9df8301eb22","type":"trial","issue_date_in_millis":1523456691721,"expiry_date_in_millis":1838816691721,"max_nodes":5,"issued_to":"customer","issuer":"elasticsearch","signature":"AAAABAAAAA2kWNcuc+DT0rlmYZKA AAAAlAo5/x6hrsGhIqqrJmy4qgEC7gK0U4zQ6q5ZEMMh4jAAABAEn6fG9y2vxBu2T3D5fhfhs56kzQOQOD COdhr0y2d17ZSJJMZqO7ZywPCWNS1aR33GhIHKTER0ysML0xMH/gXavhyRvMBndJj0UBKzuwpTawSlnx YtcqN8mSBlvC7K+i+uJ1SpAILC2ZP9fnkRlqwQxBIwYn7xnZgu9DKrOWru/spTPObo7jcePl8VTK6nWfen7/h CFDQTUFZ0jQvd+mq7A1PacHGNxGfbdMVmAXCgGWkRfT3clo9/vadgo+iSNyhlsPq9mN7gswvBAktA1Frp H2EXYYbfOsSpBvUmhyYMgErLg1k3/CbS0pCWLKOaX1xTMayosdZOjagU3auZXY=","start_date_in_millis":-1}]}
---

"Installing and getting license works":

### current license version
- do:
  - xpack.license.post:
    acknowledge: true
    body:
      {"licenses":[{"uid":"894371dc-9t49-4997-93cb-"}]}
802e37fa6a8", "type": "trial", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1916956799999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAGAAAA0FWhtT9njIjQ2qamnAAABmC9Z9N0hjZDBGYnVryXpcOWS5b3fjZDAxOWSpbTVoMVzwUzRxVkJPSmkxakxZdW51MhITHNoNiN2MXMvRFk4d3JTZXex3R3RZ0zupU3lobWJKzQVSeFva0ppTHBkWkpzZWZSQ9iNmQNKw1SlpL01dALZC5095XMRGN1IIZpVcVTTNFrCte2dhJZmZFmrQ3JN3jQgwxb0U0MXZ0dJHSERIZTVLOHnZsSDBynwpoZEpHZEJUrTVBrRENNSXNsWWJzlZaODzVmExUjNiWktNWGM5TUhzQV2plaU04Q1JOuml4MXNuLoqSEhQaVb2azhUn9QVzhFtFmo1Q0RnNJSQ53MWk2K055c28zSmRnVkBf12JSQkJFLV2VXUmVHNZDZ3R0oVE1q

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }

## bwc for licenses format
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ["licenses"],[{"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"licenses":[]}]
## license version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body:
      \{"licenses":\[\{"id":"893361dc-9749-4997-93cb-802ed37f4a48","type":"subscription","subscription_type":"gold","issue_date_in_millis":1411948800000,"feature":"shield","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"uid":"AAAQAACAAC04Q4ky3rFyyWLFkytEAAABmC9ZN0hjZDBGYnVyxRXpCOW5Bh3fJZDAXOWpSBtVoMVZwUzRvxK1PsmxaxkxZtW15IMlTHNoN1N2MXMxVRK4d3JTZEx3RRZ0puzU3loWJkZnQvSEFv0ppThB4kWzprZWSqi9iNnRQKw1sLPIN0DalZCS095MXRGN11H1lpYcVTTNFrCTez2dzHjZmZrdFQRn33JQeGwxb0U0MXZ0dJCH5ERiZTVLOHn2zSBwWnpozEphZHBElfUrTVBxRENNSXWaWWjZllaODdzVmnEzUJNiWktNWGM5TUhQ2palaUo4Q1JOuml4MXNuL0pSOElhQaVB2azhmUk9QVzhFeToF1M0RnJXSG53MWK2K055c28zSmRnVkF1b2JSQkFLV2VXumVHNDZ2R3o2VE1qbVNQ52lxOHN5bUERzZNIWkZSMVZlWEtawSU9wTTJENDvVT1NCYkacUyK2FwRWx9a06dldMbmzzStGQe3FWOTgZzZUCxMvoQkt2RUZmJfNzZlvL2d2bDRWzhu6U5geDENGWFlreXNNKnkE9PQA AAAAQA4qsc/URRZVdFowLgy9qy9bVEQLW8YJk1iAYPV5XXHHdtk4+zdZlpeiNEDIuXHs2waVJsNRF8/4qkplFwNoD2TUM8fTgIrSiZYGDTGST+y+W/5eAveEU5j5w1ibBN27bwkqlL+4YAvfa07cm7NKkwjwCWKAIHUTi3V8chPfCHe0kQgFwPC9REZ82Pw06s+uR4lLGFNfQPM0uaiE5nucfVrft9JQio/ka7zyFb7VTXNnxZQ77t7ZWC9P9kltXZcWuk0w8Q5S+s0sJNYBo3HGKtrCVRsZ55rceNtdwKXXu1InwEir4IILKoduQTrTFLy0+1t87V8S8T88UT\"]\}

- match: \{"license_status": "valid"\}

- do:
  xpack.license.get: {}

## multiple licenses version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body:
      \{"licenses":\[\{"id":"893361dc-9749-4997-93cb-802ed37f4a48","type":"internal","subscription_type":null,"issue_date_in_millis":1411948800000,"feature":null,"expiry_date_in_millis":1440892799999,"max_nodes":1,"issue_to":null,"issuer":null,"signature":null,"uid":"AAAQAACAAC04Q4ky3rFyyWLFkytEAAABmC9ZN0hjZDBGYnVyxRXpCOW5Bh3fJZDAXOWpSBtVoMVZwUzRvxK1PsmxaxkxZtW15IMlTHNoN1N2MXMxVRK4d3JTZEx3RRZ0puzU3loWJkZnQvSEFv0ppThB4kWzprZWSqi9iNnRQKw1sLPIN0DalZCS095MXRGN11H1lpYcVTTNFrCTez2dzHjZmZrdFQRn33JQeGwxb0U0MXZ0dJCH5ERiZTVLOHn2zSBwWnpozEphZHBElfUrTVBxRENNSXWaWWjZllaODdzVmnEzUJNiWktNWGM5TUhQ2palaUo4Q1JOuml4MXNuL0pSOElhQaVB2azhmUk9QVzhFeToF1M0RnJXSG53MWK2K055c28zSmRnVkF1b2JSQkFLV2VXumVHNDZ2R3o2VE1qbVNQ52lxOHN5bUERzZNIWkZSMVZlWEtawSU9wTTJENDvVT1NCYkacUyK2FwRWx9a06dldMbmzzStGQe3FWOTgZzZUCxMvoQkt2RUZmJfNzZlvL2d2bDRWzhu6U5geDENGWFlreXNNKnkE9PQA AAAAQA4qsc/URRZVdFowLgy9qy9bVEQLW8YJk1iAYPV5XXHHdtk4+zdZlpeiNEDIuXHs2waVJsNRF8/4qkplFwNoD2TUM8fTgIrSiZYGDTGST+y+W/5eAveEU5j5w1ibBN27bwkqlL+4YAvfa07cm7NKkwjwCWKAIHUTi3V8chPfCHe0kQgFwPC9REZ82Pw06s+uR4lLGFNfQPM0uaiE5nucfVrft9JQio/ka7zyFb7VTXNnxZQ77t7ZWC9P9kltXZcWuk0w8Q5S+s0sJNYBo3HGKtrCVRsZ55rceNtdwKXXu1InwEir4IILKoduQTrTFLy0+1t87V8S8T88UT\"]\}

- match: \{"license_status": "valid"\}
Open Source Used In CloudCenter Suite Admin 5.3.0

```json
{
  "uid": "893361dc-9749-4997-93cb-802e3d0f7aa",
  "type": "internal",
  "subscription_type": "none",
  "issue_date_in_millis": 1419488000000,
  "feature": "watcher",
  "expiry_date_in_millis": 1914278399999,
  "max_nodes": 1,
  "issued_to": "issuedTo",
  "issuer": "issuer",
  "signature": "AAAAAQAAAA0Sc90guRIaQEmgLvMnAAAAAbmC9ZN0hjZDBGYnVrXpCOW5Bb3FjZDAxOwpsbTvOMVZwUzRxVk1PSmkxakxZdW5lMhiTHNoN1N2MXvMrFK4d3JTZEx3R3RRZ0pzU3lobwJKZnQySEFva0ppTHBkWkpzWZQS9jINmRQdNkw1SlPLN0LdAlZCS095MXRGN1IIZpYcVVTtNfrcTE2dzhIZmzrdFQrN3QeGwxb0U0MXZ0dJH5eriZTVL0Hnz5DBywWmpoZEphZHBEZJUrTVBSRENNSXnsWWJjZlZlaODzVvmEzUjNiWktN
  WGM5TUhQV2plaU04Q1J0Um14MXNul0pSOeHqAVB2azhmUk9QVzhFeTfOImQ0RnJXG53MWk2K055c28zSmRnVkf1b2JSQkFLV2VXUmVHNDB2R3o2VE1qVbVNS2Ix0H5bUEzRINWkZSVmZiveWaSU9wTUJEN
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  v1BJEiK+tnVPl0/PXV/x7BZSwVY1IPVeirt6+ry1xy1uHeEqgwqwxmx/VdRiCJaZM6tk0Ob4dZCPv6Ebn2Mmk89KH
  C/PwliLPq6Qfwv/Pkpak8k2A3ORJmVvdXved6C8sdp4ebFszQzvWh5CZSpqzqZBFXlNgDv2N0hHhpGlueRszD0OJ5dEL5ZA1DDOg6O90JVeSHyRqE1L5QRUNdXPFV5s+EAG0D1d1cNdJsMyPCnVjwb6iq2/YgM3czutsX
  VBY7ij4WnoP3ce7Zjs9TwhHn+IqzftC6"
}
```

- match: { license_status: "valid" }

- do:
  
  xpack.license.get: {}

- length: { license: 11 }

- match: { license.uid: "893361dc-9749-4997-93cb-802e3d0f7aa" }  

---

"Should throw 404 after license deletion":

- do:
  
  xpack.license.delete: {}

- match: { acknowledged: true }

- do:
  
  xpack.license.get: {}

  catch: missing

---

"Should install a feature type license":"

```
# VERSION_NO_FEATURE_TYPE license version

- do:
  
  xpack.license.post:
    
    acknowledge: true

    body: |


```
```
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

---

"Cannot start basic":

- do:
  catch: bad_request
  xpack.license.post:
  acknowledge: true
  body: |
  
  "Cannot start basic":
  
- do:
  catch: bad_request
  xpack.license.post:
  acknowledge: true
  body: |

- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

---

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:

- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }
acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
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# Copying Container Files

## Motivation

- Copying files from Containers in a cluster to a local filesystem
- Copying files from a local filesystem to Containers in a cluster

Copy requires that *tar* be installed in the container image.

## Local to Remote

Copy a local file to a remote Pod in a cluster.

- Local file format is `\<path>`
- Remote file format is `\<pod-name>:\<path>`
```
kubectl cp /tmp/foo_dir <some-pod>:/tmp/bar_dir
```
1.230 libhcryptoheimdal 7.7.0+dfsg 1ubuntu1

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The parts of the libtelnet that handle Kerberos.

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rijndael-alg-fst.c

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

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.236 libxdmcp 1:1.1.2 3

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1.238 netbase 5.6

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1.239 python-markupsafe 0.11 10.el7

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

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

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

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Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard
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  Configuration file converter.
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1.254 newt-python 0.52.15 4.el7

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= Contributors to Ruby

The following list might be incomplete. Feel free to add your name if your patch was accepted into Ruby.

== A

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* He had maintained the VMS support on 2003-2004.

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  * net/pop  
  * net/smtp  
  * racc  
  * ripper  
  * strscan

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* He was the maintainer of some standard libraries.

Koji Arai  
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arton  
* He is the distributor of ActiveScriptRuby and experimental 1.9.0-x installers for win32.  
* Wrote patches for win32ole, gc.c, tmpdir.rb

Sergey Avseyev  
* Added IO#pread and IO#pwrite.

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* ruby_strtod is based on his paper.

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* a patch for lib/benchmark.rb

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* did much upon YARV compiler.

erlercw
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* parsedate (1.8)
* He ported rational.rb and complex.rb, which 1.8 contains, into rational.c and complex.c of 1.9.

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* ruby_strtod

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  * open3

GOTOU, Yuuzou (gotoyuzo)
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* Wrote documentation for rdoc

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* patch for ruby-mode.el's documentation.

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* a patch for numeric.c

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* a patch for proc.c

HIROKAWA Hisashi
* fixed socket/socket.c

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  * SMTP-TLS support for net/smtp.
  * POP3S support
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  * rdoc
  * ri
  * rubygems

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Johan Holmberg
* a patch for dir.c
* documentation

Erik Huelsmann

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* built a continuous integration environment on OpenSolaris.

== I

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"incorporate"
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  * complex.rb (1.8)
  * e2mmap.rb
  * forwardable.rb
  * irb
  * mathn
  * matrix.rb
  * mutex_m.rb
  * rational.rb (1.8)
  * sync.rb
  * shell/*
  * thwait.rb
  * tracer.rb

== J

Curtis Jackson
* missing/dup2.c

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  * a patch for net/ftp

Lyle Johnson  
  * patches for nkf, bigdecimal, numeric.c

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  * a patch for enc/trans/single_byte.trans.  
  * He wrote supports for some encodings.

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* improved pstore.rb
* patch for tool/file2lastrev.rb.

raspberry lemon
* a patch for webrick/httpproxy.rb.

Christian Loew
* a patch for fileutils.rb

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* A system administrator of ruby-lang.org servers.
* He wrote and is the maintainer of:
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  * net/ftp
  * net/imap

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* documentation

Yukihiro Matsumoto (matz)
* Matz -- the founder, language designer of Ruby.
* committer
* Ruby itself, most of Ruby.
* He is the maintainer of:
  * singleton
  * timeout
  * gdbm
  * sdbm

Konrad Meyer
* documentation

Mib Software
* missing/vsnprintf.c

Todd C. Miller
* missing/strlcat.c
* missing/strlcpy.c

MIYASAKA, Masaru
* a patch for cgi.rb

Stefan Monnier
* regex.c was fixed with based on his Emacs21 patch.

Marcel Moolenaar
* patches for eval.c and gc.c.

moonwolf
* a patch for RXML, xmlrpc

Hiroshi Moriyama
* a patch for yaml.

Kyosuke Morohashi
* a patch for gem_prelude.rb

Kenta Murata
* patches for json, bignum.c

Akinori MUSHA (knu)
* committer
* He wrote and is the maintainer of:
  * abbrev.rb
  * generator (1.8)
  * enumerator (1.8)
  * set
  * ipaddr.rb
  * digest/*
  * syslog
* He is the branch maintainer of ruby_1_8, the release manager of 1.8 series.

== N

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* He is the maintainer of tk/*

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* committer
* a.k.a. the "patch monster"
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  * stringio
* io/wait
* iconv

Satoshi Nakagawa
* patches for util.c

Narihiro Nakamura (nari)
* committer
* a.k.a. authorNari
* working at GC

NAKAMURA, Hiroshi (nahi)
* committer
* He is the maintainer of:
  * csv.rb (1.8)
  * logger.rb
  * soap/* (1.8)
  * wsdl/* (1.8)
  * xsd/* (1.8)

NAKAMURA, Usaku (usa)
* committer
* a.k.a. unak
* He is the maintainer of mswin32 and mswin64 support.

NARUSE, Yui (naruse)
* committer
* a.k.a. "nurse"
* Did much upon m17n.
* He is the maintainer of:
  * json
  * nkf

Christian Neukirchen
* a patch for webrick/httputils

Michael Neumann (mneumann)
* committer
* He is the maintainer of
  * xmlrpc (1.8)
  * gserver (1.8)

NISHIO Hirokazu
* wrote a patch for CVE-2010-0541

Kazuhiro NISHIYAMA (kazu)
* committer
* a.k.a. znz
Go Noguchi

Martin Nordholts
* misc/rdebug.el

nmu
* a patch for socket

== O

okkez
* He is a sysop of the Ruby Reference Manual Renewal Project.
* fixed ipadd.rb, ext/etc

Haruhiko Okumura
* some of missing/* is based on his book:
  * missing/erf.c
  * missing/lgamma_r.c
  * missing/lgamma.c

OMAE, jun
* a patch for debug.rb

Eugene Ossintsev
* documentation

== P

Heesob Park
* a patch for win32/win32.c.

pegacorn
* a patch for instruby.rb

== Q

== R

Gaston Ramos
* documentation

The Regents of the University of California
* missing/crypt.c
* missing/vsnprintf.c

Sam Roberts
* patch for socket
* documentation

Michal Rokos (michal)
* committer
* He was the maintainer of DJGPP support.

rubikitch
* a patch for io.c

Marcus Rueckert
* a patch for mkconfig.rb.

Run Paint Run Run
* patch for enc/unicode.c
* documentation

Sean Russell (ser)
* committer
* He wrote and is the maintainer of REXML.

== S

Kazuo Saito (ksaito)
* committer
* M17N

Tadashi Saito
* patches for test/ruby/test_math.rb, thread_* .c, bignum.c
* working upon BigDecimal.
* did much upon documentation

Masahiro Sakai
* a patch for io.c

Laurent Sansonetti
* a patch for tool/ytab.sed

Jeff Saracco
* documentation

Koichi Sasada (ko1)
* committer
* He wrote YARV.

Hugh Sasse
* a patch for net/http
* documentation
Charlie Savage
* a patch for win32/Makefile.sub

Michael Scholz
* a patch for ruby-mode.el

Arthur Schreiber
* patch for net/http and rdoc.

Masatoshi SEKI (seki)
* committer
* He wrote and is the maintainer of:
  * drb/*
  * erb
  * rinda

Roman Shterenzon
* a patch for open-uri.

Kent Sibilev

Gavin Sinclair (gsinclair)
* committer

John W. Small
* He wrote gserver.rb

Yuki Sonoda (yugui)
* committer
* She is the maintainer of man/* manual pages and is the release manager of 1.9 series.
* She wrote prime.rb.
* A developer and a sysop of redmine.ruby-lang.org.

SOUMA, Yutaka
* a patch for pack.c.

Tatsuki Sugiura
* WebDAV support for net/http

Masaki Suketa (suke)
* committer
* He is the maintainer of win32ole

sheepman
* patches for ruby.c, thread.c, stringio, enum.c, webrick, net/http

Siena. (siena)
* committer
Kirill A. Shutemov  
* a patch for parse.y

Darren Smith  
* a patch for golf_prelude.rb

Richard M. Stallman  
* missing/alloca.c

Robin Stocker  
* documentation

Joshua Stowers  
* a patch for array.c

Marcus Stollsteimer (stomar)  
* committer  
* a maintainer of www.ruby-lang.org  
* patches for cgi (HTML5 tag maker), numeric.c, bigdecimal, ostruct.rb, prime.rb, and others  
* documentation

Adam Strzelecki  
* a patch for compile.c

Masashi Sumi  
* improved net/pop.rb

Eric Sunshine  
* NeXT OpenStep, Rhapsody support

Kouhei Sutou (kou)  
* committer  
* He wrote and is the maintainer of rss/*

David Symonds  
* documentation

== T

TAKANO Mitsuhiro (takano32)  
* committer  
* He is the maintainer of IA-64 support.  
* BigDecimal

TAKAO, Kouji (kouji)  
* committer  
* He is the maintainer of readline.
Nathaniel Talbott (ntalbott)
* committer
* He was the maintainer of test/unit, runit, rubunit.

TANAKA, Akira (akr)
* committer
* Did much upon ml7n.
* And he is the maintainer of:
  * open-uri
  * pathname
  * pp
  * resolv-replace
  * resolv
  * time
  * tsort

Takaaki Tateishi (ttate)
* committer
* He was the maintainer of dl

Technorama Ltd. (technoroma)
* committer
* openssl

Andrew Thompson
* a patch for socket.c IRIX support.

Dave Thomas (dave)
* committer
* a.k.a. the Pragmatic Programmer.
* He wrote rdoc.

Tietew
* patches for win32 support

Masahiro Tomita
* a patch for cgi.rb

Jakub Travnik
* a patch for eval.c

Tom Truscott
* missing/crypt.c

== U

UEDA, Satoshi
* a patch for uri

Takaaki Uematsu (uema2)
* committer
* He was the maintainer of WinCE support.

UENO, Katsuhiro (katsu)
* committer
* He is the maintainer of zlib

Hajimu UMEMOTO
* He wrote ipaddr.rb

URABE, Shyouhei (shyouhei)
* committer
* a.k.a. mput.
* He is the branch maintainer of ruby_1_8_6 and ruby_1_8_7
* and is the release manager of 1.8.x-pXXX.

Joel VanderWerf
* a patch for numeric.c

Peter Vanbroekhoven

Corinna Vinschen

wanabe (wanabe)
* committer
* fixed YARV and Oniguruma.

Chun Wang
* a patch for time.rb

WATANABE, Hirofumi (eban)
* committer
* He is the maintainer of
* fools (1.8)
* tmpdir
* un
* Win32API

WATANABE, Tetsuya
* a patch for ruby.c
William Webber (wew)  
* committer

Jim Weirich (jim)  
* committer  
* He wrote Rake.

Nathan Weizenbaum  
* fixed misc/ruby-mode.el.

why the lukky stiff (why)  
* committer  
* He is the maintainer of syck

Caley Woods  
* documentation

Gary Wright  
* documentation

== X

== Y

Akira Yamada (akira)  
* committer  
* He is the maintainer of ruby related packages at Debian project.

Keita Yamaguchi  
* patches for enum.c, parse.y  
* documentation

Hirokazu Yamamoto (ocean)  
* committer

Hirotaka Yoshioka  
* a patch for improving SEGV handling

== Z

Aristarkh A Zagorodnikov  
* a patch for io.c

Alexander Zavorine  
* committer  
* He is the maintainer for Symbian OS.

Chiyuan Zhang
* a patch for misc/ruby-mode.el.

Dee Zsombor (zunda)
* a patch for thread_pthread.c

Dan Zwell
* a patch for net/pop

# frozen_string_literal: true
require 'rubygems/text'

class Gem::Licenses
  extend Gem::Text

  NONSTANDARD = 'Nonstandard'.freeze

  LICENSE_IDENTIFIERS = %w(
    0BSD
    AAL
    ADSL
    AFL-1.1
    AFL-1.2
    AFL-2.0
    AFL-2.1
    AFL-3.0
    AGPL-1.0
    AGPL-3.0
    AGPL-3.0-only
    AGPL-3.0-or-later
    AMDPLPA
    AML
    AMPAS
    ANTLR-PD
    APAFML
    APL-1.0
    APSL-1.0
    APSL-1.1
    APSL-1.2
    APSL-2.0
    Abstyles
    Adobe-2006
    Adobe-Glyph
    Afmparse
    Aladdin
    Apache-1.0
    Apache-1.1
    Apache-2.0
  )
Artistic-1.0
Artistic-1.0-Perl
Artistic-1.0-cl8
Artistic-2.0
BSD-1-Clause
BSD-2-Clause
BSD-2-Clause-FreeBSD
BSD-2-Clause-NetBSD
BSD-2-Clause-Patent
BSD-3-Clause
BSD-3-Clause-Attribution
BSD-3-Clause-Clear
BSD-3-Clause-LBNL
BSD-3-Clause-No-Nuclear-License
BSD-3-Clause-No-Nuclear-License-2014
BSD-3-Clause-No-Nuclear-Warranty
BSD-4-Clause
BSD-4-Clause-UC
BSD-Protection
BSD-Source-Code
BSL-1.0
Bahyph
Barr
Beerware
BitTorrent-1.0
BitTorrent-1.1
Borceux
CATOSL-1.1
CC-BY-1.0
CC-BY-2.0
CC-BY-2.5
CC-BY-3.0
CC-BY-4.0
CC-BY-NC-1.0
CC-BY-NC-2.0
CC-BY-NC-2.5
CC-BY-NC-3.0
CC-BY-NC-4.0
CC-BY-NC-ND-1.0
CC-BY-NC-ND-2.0
CC-BY-NC-ND-2.5
CC-BY-NC-ND-3.0
CC-BY-NC-ND-4.0
CC-BY-NC-SA-1.0
CC-BY-NC-SA-2.0
CC-BY-NC-SA-2.5
CC-BY-NC-SA-3.0
CC-BY-NC-SA-4.0
CC-BY-ND-1.0
CC-BY-ND-2.0
CC-BY-ND-2.5
CC-BY-ND-3.0
CC-BY-ND-4.0
CC-BY-SA-1.0
CC-BY-SA-2.0
CC-BY-SA-2.5
CC-BY-SA-3.0
CC-BY-SA-4.0
CC0-1.0
CDDL-1.0
CDDL-1.1
CDLA-Permissive-1.0
CDLA-Sharing-1.0
CECILL-1.0
CECILL-1.1
CECILL-2.0
CECILL-2.1
CECILL-B
CECILL-C
CNRI-Jython
CNRI-Python
CNRI-Python-GPL-Compatible
CPAL-1.0
CPL-1.0
CPOL-1.02
CUA-OPL-1.0
Caldera
CIArtistic
Condor-1.1
Crossword
CrystalStacker
Cube
D-FSL-1.0
DOC
DSDP
Dotseqn
ECL-1.0
ECL-2.0
EFL-1.0
EFL-2.0
EPL-1.0
EPL-2.0
EUDatagrid
EUPL-1.0
EUPL-1.1
EUPL-1.2
Entessa
ErlPL-1.1
Eurosym
FSFAP
FSFUL
FSFULLR
FTL
Fair
Frameworx-1.0
FreelImage
GFDL-1.1
GFDL-1.1-only
GFDL-1.1-or-later
GFDL-1.2
GFDL-1.2-only
GFDL-1.2-or-later
GFDL-1.3
GFDL-1.3-only
GFDL-1.3-or-later
GL2PS
GPL-1.0
GPL-1.0+
GPL-1.0-only
GPL-1.0-or-later
GPL-2.0
GPL-2.0+
GPL-2.0-only
GPL-2.0-or-later
GPL-2.0-with-GCC-exception
GPL-2.0-with-autoconf-exception
GPL-2.0-with-bison-exception
GPL-2.0-with-classpath-exception
GPL-2.0-with-font-exception
GPL-3.0
GPL-3.0+
GPL-3.0-only
GPL-3.0-or-later
GPL-3.0-with-GCC-exception
GPL-3.0-with-autoconf-exception
Giftware
Glide
Glulxe
HPND
HaskellReport
IBM-pibs
ICU
IJG
IPA
IPL-1.0
ISC
ImageMagick
Imlib2
Info-ZIP
Intel
Intel-ACPI
Interbase-1.0
JSON
JasPer-2.0
LAL-1.2
LAL-1.3
LGPL-2.0
LGPL-2.0+
LGPL-2.0-only
LGPL-2.0-or-later
LGPL-2.1
LGPL-2.1+
LGPL-2.1-only
LGPL-2.1-or-later
LGPL-3.0
LGPL-3.0+
LGPL-3.0-only
LGPL-3.0-or-later
LGPLLR
LPL-1.0
LPL-1.02
LPPL-1.0
LPPL-1.1
LPPL-1.2
LPPL-1.3a
LPPL-1.3c
Latex2e
Leptonica
LiLiQ-P-1.1
LiLiQ-R-1.1
LiLiQ-Rplus-1.1
Libpng
MIT
MIT-CMU
MIT-advertising
MIT-enna
MIT-feh
MITNFA
MPL-1.0
MPL-1.1
MPL-2.0
MPL-2.0-no-copyleft-exception
MS-PL
MS-RL
MTLL
MakeIndex
MirOS
Motosoto
Multics
Mup
NASA-1.3
NBPL-1.0
NCSA
NGPL
NLOD-1.0
NLPL
NOSL
NPL-1.0
NPL-1.1
NPOS L-3.0
NRL
NTP
Naumen
Net-SNMP
NetCDF
Newsletr
Nokia
Noweb
Nunit
OCCT-PL
OCLC-2.0
ODbL-1.0
OFL-1.0
OFL-1.1
OGTSL
OLDAP-1.1
OLDAP-1.2
OLDAP-1.3
OLDAP-1.4
OLDAP-2.0
OLDAP-2.0.1
OLDAP-2.1
OLDAP-2.2
OLDAP-2.2.1
OLDAP-2.2.2
OLDAP-2.3
OLDAP-2.4
OLDAP-2.5
OLDAP-2.6
OLDAP-2.7
OLDAP-2.8
OML
OPL-1.0
OSET-PL-2.1
OSL-1.0
OSL-1.1
OSL-2.0
OSL-2.1
OSL-3.0
OpenSSL
PDDL-1.0
PHP-3.0
PHP-3.0.1
Plexus
PostgreSQL
Python-2.0
QPL-1.0
Qhull
RHeCos-1.1
RPL-1.1
RPL-1.5
RPSL-1.0
RSA-MD
RSCPL
Rdisc
Ruby
SAX-PD
SCEA
SGI-B-1.0
SGI-B-1.1
SGI-B-2.0
SISSL
SISSL-1.2
SMLNJ
SMPPL
SNIA
SPL-1.0
SWL
Saxpath
Sendmail
SimPL-2.0
Sleepycat
Spencer-86
Spencer-94
Spencer-99
StandardML-NJ
SugarCRM-1.1.3
TCL
TCP-\textit{wrappers}  
\textit{TMate}  
\textit{TORQUE-1.1}  
\textit{TOSL}  
\textit{UPL-1.0}  
\textit{Unicode-DFS-2015}  
\textit{Unicode-DFS-2016}  
\textit{Unicode-TOU}  
\textit{Unlicense}  
\textit{VOSTROM}  
\textit{VSL-1.0}  
\textit{Vim}  
\textit{W3C}  
\textit{W3C-19980720}  
\textit{W3C-20150513}  
\textit{WTFPL}  
\textit{Watcom-1.0}  
\textit{Wsuipa}  
\textit{X11}  
\textit{XFree86-1.1}  
\textit{XSkat}  
\textit{Xerox}  
\textit{Xnet}  
\textit{YPL-1.0}  
\textit{YPL-1.1}  
\textit{ZPL-1.1}  
\textit{ZPL-2.0}  
\textit{ZPL-2.1}  
\textit{Zed}  
\textit{Zend-2.0}  
\textit{Zimbra-1.3}  
\textit{Zimbra-1.4}  
\textit{Zlib}  
\textit{bzip2-1.0.5}  
\textit{bzip2-1.0.6}  
\textit{curl}  
\textit{diffmark}  
\textit{dvipdfm}  
\textit{eCos-2.0}  
\textit{eGenix}  
\textit{gSOAP-1.3b}  
\textit{gnuplot}  
\textit{iMatix}  
\textit{libtiff}  
\textit{mpich2}  
\textit{psfrag}  
\textit{psutils}  
\textit{wxWindows}
xinetd
xpp
zlib-acknowledgement
).freeze

# exception identifiers
EXCEPTION_IDENTIFIERS = %w(
  389-exception
  Autoconf-exception-2.0
  Autoconf-exception-3.0
  Bison-exception-2.2
  Bootloader-exception
  CLISP-exception-2.0
  Classpath-exception-2.0
  DigiRule-FOSS-exception
  FLTK-exception
  Fawkes-Runtime-exception
  Font-exception-2.0
  GCC-exception-2.0
  GCC-exception-3.1
  LZMA-exception
  Libtool-exception
  Linux-syscall-note
  Nokia-Qt-exception-1.1
  OCCT-exception-1.0
  Qwt-exception-1.0
  WxWindows-exception-3.1
  eCos-exception-2.0
  freertos-exception-2.0
  gnu-javamail-exception
  i2p-gpl-java-exception
  mif-exception
  openvpn-openssl-exception
  u-boot-exception-2.0
).freeze

REGEXP = %r{
  \A
  (\#{Regexp.union(LICENSE_IDENTIFIERS)}\+?\s(with)\s\#{Regexp.union(EXCEPTION_IDENTIFIERS)})?\s|
  \#{NONSTANDARD}
  )
  \Z
}.freeze

def self.match?(license)
!REEXP.match(license).nil?
end

def self.suggestions(license)
  by_distance = LICENSE_IDENTIFIERS.group_by do |identifier|
    levenshtein_distance(identifier, license)
  end
  lowest = by_distance.keys.min
  return unless lowest < license.size
  by_distance[lowest]
end

test-unit is copyrighted free software by Kouhei Sutou
<kou@cozmixng.org>, Ryan Davis <ryand-ruby@zenspider.com>
and Nathaniel Talbott <nathaniel@talbott.ws>.

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# frozen_string_literal: true
RSpec.describe "bundle licenses" do
  before :each do
    install_gemfile <<-G
      source "file://#{gem_repo1}"
      gem "rails"
      gem "with_license"
    G
  end

  it "prints license information for all gems in the bundle" do
    bundle "licenses"
    loaded_bundler_spec = Bundler.load.specs["bundler"]
    expected = if !loaded_bundler_spec.empty?
      loaded_bundler_spec[0].license
    else
      "Unknown"
    end
    expect(out).to include("bundler: #{expected}")
    expect(out).to include("with_license: MIT")
  end

  it "performs an automatic bundle install" do
    gemfile <<-G
      source "file://#{gem_repo1}"
      gem "rails"
      gem "with_license"
      gem "foo"
    G
    bundle "config auto_install 1"
    bundle :licenses
    expect(out).to include("Installing foo 1.0")
  end
end

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>>>
A C-program for MT19937, with initialization improved 2002/2/10.
Coded by Takuji Nishimura and Makoto Matsumoto.
This is a faster version by taking Shawn Cokus's optimization,
Matthe Bellew's simplification, Isaku Wada's real version.

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

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missing/finite.c::
missing/hypot.c::
missing/isinf.c::
missing/isnan.c::
missing/lgamma_r.c::
missing/memcmp.c::
missing/memmove.c::
missing/strchr.c::
missing/strerror.c::
missing/strstr.c::
missing/tgamma.c::
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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language

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

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
    lib/krb5/error_tables/kdb5_err.et
    slave/kpropd_rpc.c
    slave/kproplog.c

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1.266 libgomp 8.3.0 6

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1.267 asm-tree 5.0.4

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 */
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this</i>
 * constructor</i>. Instead, they must use the
 * [ @link JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])]
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see [ @link Opcodes]). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name

* the method's name.
* @param desc
* the method's descriptor (see {@link Type}).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* {@link Type#getInternalName() getInternalName}). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1108987525_1606239720.2/0/asm-tree-5-0-4-sources-3-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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

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

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jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1108987525_1606239720.2/0/asm-tree-5-0-4-sources-3-
jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1108987525_1606239720.2/0/asm-tree-5-0-4-sources-3-
jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/cola/permits/1108987525_1606239720.2/0/asm-tree-5-0-4-sources-3-
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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jar/org/objectweb/asm/xml/Processor.java
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* /opt/cola/permits/1108987525_1606239720.2/0/asm-tree-5-0-4-sources-3-jar/org/objectweb/asm/optimizer/shrink-writer.properties
* /opt/cola/permits/1108987525_1606239720.2/0/asm-tree-5-0-4-sources-3-jar/org/objectweb/asm/optimizer/shrink-resize.properties

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

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/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
* @param typeRef
  a reference to the annotated type. See [@link TypeReference].

* @param typePath
  the path to the annotated type argument, wildcard bound, array
  element type, or static inner type within 'typeRef'. May be
  `<tt>null</tt>` if the annotation targets 'typeRef' as a whole.

* @param start
  the first instructions corresponding to the continuous ranges
  that make the scope of this local variable (inclusive).

* @param end
  the last instructions corresponding to the continuous ranges
  that make the scope of this local variable (exclusive). This
  array must have the same size as the 'start' array.

* @param index
  the local variable's index in each range. This array must have
  the same size as the 'start' array.

* @param desc
  the class descriptor of the annotation class.

*/

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/**
* Creates a new [@link GeneratorAdapter]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
* version.
*
* @param mv
* the method visitor to which this adapter delegates calls.
* @param access
* the method’s access flags (see \{ @link Opcodes \}).
* @param name
* the method’s name.
* @param desc
* the method’s descriptor (see \{ @link Type \}).
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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1.273 libpythonminimal 2.7.16-2

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A. HISTORY OF THE SOFTWARE
=================================

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

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

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

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

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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# Contributor: Valery Kartel <valery.kartel@gmail.com>
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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=1
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
epandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"

builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
    default_prepare

cd "$builddir"
export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$builddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
make
}

check() {
    cd "$builddir"
makes test
}

package() {
    cd "$builddir"
    make DESTDIR="$pkgdir" install
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cbb60b2067daedaf53bd15fb6561a3d0f828df16
dfa5417f663b8065ba65f4f6a16de9262728bb6b85  BSD-Resource-1.2911.tar.gz"
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.5
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check"
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"
for type in $_types; do
subpackages="$subpackages $pkgname-$type:_subpkg"
done

build() {
cd "$builddir"
}

package() {
mkdir -p "$pkgdir"
}

__subpkg() {
local type=${subpkgname/$pkgname-/}
pkgdesc="$pkgdesc ($type)"
install_if="$pkgname"
mkdir -p "$subpkgdir"/usr/share/spdx
cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
pkgdesc="$pkgdesc (licence list)"
mkdir -p "$subpkgdir"/usr/share/spdx
local i; for i in $builddir/text/*.txt; do
local license=${i##*/}
echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

sha512sums="4b4bcede554ee69e9e0703152a2d09e2a3c49314718d6b7e0847c0dff6a989d5d4684d152e899e8bbbb3ba2767ded027eacfe1eb6aeccf945ef2c5aa933cfd2ec license-list-data-3.5.tar.gz"

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pkgname=py-flake8-copyright
  _pkgname=flake8-copyright
pkgver=0.2.0
pkgrel=2
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

build() {
  cd "$builddir"
  python3 setup.py build || return 1
}

package() {
  cd "$builddir"
  python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}

md5sums="c6348990c6d74933bf5d5f6a55a14bdf  flake8-copyright-0.2.0.tar.gz"
sha256sums="aaef26eb4d5223e9cd5b101e68175fcef6d2b353bf36da688fde62fccfe2b73  flake8-copyright-0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204ce69b72d05cd39560e528aff5d586c3b1be9570f4a977a7e
2417b586e543bfba12abce256b2023c8c4993eeb90  flake8-copyright-0.2.0.tar.gz"

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pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
options="!check"  # No test suite.
license="LGPL-2.0+"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
cd "Builddir"
update_config_sub
default_prepare
}

build() {
cd "Builddir"
./configure \
  --build=$CBUILD \
  --host=$CHOST \
  --prefix=/usr
make
}

package() {
cd "Builddir"
make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001ae9bace727b5b4e8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

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1.279 cracklib-dicts 2.9.0 11.el7

1.279.1 Available under license:

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^L

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Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data
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a) Accompany the work with the complete corresponding
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Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
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that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
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b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
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specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

That's all there is to it!
This package was debianized by Jean Pierre LeJacq
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt
<martin@piware.de> was the package's maintainer up to version
2.7.19-1. The current maintainer is Jan Dittberner
<jandd@debian.org>.

It was downloaded from http://sourceforge.net/projects/cracklib

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Modifications: Added cronjob, configuration file, and man pages.

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CrackLib was originally licensed with a variant of the Artistic
license. In the interests of wider acceptance and more modern
licensing, it was switched with the original author's blessing to GPL
v2.

This approval was carried out in email discussions in 2005, and has
been reconfirmed as of 2007-10-01 with the following email from Alec
Muffett. Cracklib's license was changed from the GPL to the LGPL after
consensus of all previous developers in October 2008, effective with release 2.8.15 released on 2009-11-19. See the email discussion below for both license changes.

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

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Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan
=20
-------------------------------------

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

-----Original Message-----
> From: cracklib-devel-bounces@li...
To: cracklib-devel@li...
Subject: [Cracklib-devel] cracklib license

looks like 2.8.11 is out and marked as "GPL-2" ... releasing
libraries under
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

-mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not
GPL-2 ... it was a modified artistic license ... i didn't notice the license=
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir
applications are also GPL-2 which imo is just wrong. it isn't the place of =
a
library to dictate to application writes what license they should be using.
thus LGPL-2.1 enters to fill this void.

-Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20

------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec
directly
> and see if he wants to relicense his code as LGPL... but at this
> point,
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> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.
>
> the original license (before moving to sourceforge -- aka, 2.7) was
> not
> GPL-2 ... it was a modified artistic license ... i didnt notice the
> license
> change until it was mentioned in the latest notes.
>
> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isn't the
> place of a
> library to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?
What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
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I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.
In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@g...> - 2008-10-05 21:27

Attachments: Message as HTML
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looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@c...> - 2008-10-05 23:18
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> the change now?
yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
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Nathan Neulinger is the only one who can actually make said change ...
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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
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CrackLib was originally licensed with a variant of the Artistic license. In the
interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed
as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address
that was used at the time. For any future emails regarding this, please
use nneul@neulinger.org.

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
> Mon, 1 Oct 2007 12:26:02 -0500
> Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
> Received: from smtp1.srv.mst.edu (131.151.1.43)
> by scanin-ipv6.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
> Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
> by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id I91Gxtp020623
> for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
> Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
> by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
> for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
> Received: from [82.68.43.14] (hel=[192.168.1.13])
> by rutherford.zen.co.uk with esmtp (Exim 4.50)
> id 1lcoxc-0040qtl-6L
> for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
> Mime-Version: 1.0 (Apple Message framework v752.2)
> In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
> References: <1190922867.3457.147.camel@localhost.localdomain>
> <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
> <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
> Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
> Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEB6E9F@crypticide.com>
> Content-Transfer-Encoding: 7bit
> From: Alec Muffett <alecm@crypticide.com>
> Subject: Re: cracklib license
> Date: Mon, 1 Oct 2007 17:59:46 +0100
> To: Nathan Neulinger <nneul@neulinger.org>
> X-Mailer: Apple Mail (2.752.2)
> X-Originating-Rutherford-IP: [82.68.43.14]
> Return-Path: alecm@crypticide.com
> X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
> Status: RO
> Content-Length: 585
> Lines: 21
>
> > ---------- Forwarded message ----------
> > From: Neulinger, Nathan <nneul@umr.edu>
> > Date: Sep 27, 2007 2:58 PM
> > Subject: RE: cracklib license
> > To: alecm@crypto.dircon.co.uk
> >
> > Any chance you could write me a self-contained email stating clearly
> > that the license is being changed to GPL, so I could include that
> > email
> > in the repository and clean up the repository/tarballs? I have all the
> > original discussion, but something succinct and self contained
> > would be
> > ideal.
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
--------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16
Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
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GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
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Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan
=20
-------------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
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library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

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From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
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Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
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What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone’s
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
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 Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
The license for my code in the Cracklib distribution is henceforth GPL.
Happy now? :-(

-a

1.280 python3-rpm-generators 6-2.el7

1.280.1 Available under license:

RPM and its source code are covered under two separate licenses.

The entire code base may be distributed under the terms of the GNU General Public License (GPL), which appears immediately below. Alternatively, all of the source code in the lib subdirectory of the RPM source code distribution as well as any code derived from that code may instead be distributed under the GNU Library General Public License (LGPL), at the choice of the distributor. The complete text of the LGPL appears at the bottom of this file.

This alternatively is allowed to enable applications to be linked against the RPM library (commonly called librpm) without forcing such applications to be distributed under the GPL.

Any questions regarding the licensing of RPM should be addressed to rpm-maint@lists.rpm.org

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Version 2, June 1991

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b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

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

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

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

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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General Public License (also called "this License"). Each licensee is addressed as "you".

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

   a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

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

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

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

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

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

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

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

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

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

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

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

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

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

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

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

That's all there is to it!

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

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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

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

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

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

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.
Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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

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

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

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

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

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

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

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

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

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1.289 unzip 6.0-r8

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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 Licence. 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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* with significant code contributions by Nitin Ganatra  
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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."
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-----

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Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip),
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.
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.

1.290 libpam-modules 1.1.8 3.6

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-------------------------------------------------------------------------

Patch for Ubuntu bug #399071

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

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

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

===============
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
    close(fd);
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+    }
+ /* Get the password entry */
+ pwd = pam_modutil_getpwnam (pamh, user);
+ if (pwd != NULL)
+ {
+     if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+         pam_syslog(pamh, LOG_ERR,
+                     "Unable to change UID to %d temporarily\n",
+                     pwd->pw_uid);
+         retval = PAM_SESSION_ERR;
+         goto finished;
+     }
+     if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+         goto finished;
+     if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+         goto finished;
+     if (stat(flag, &s) != 0)
+     {
+         display_file(pamh, "/etc/legal”);
+         mkdir(dir, 0700);
+         f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                  S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+         if (f>=0) close(f);
+     }
+ finished:
+     if (pam_modutil_regain_priv(pamh, &privs)) {
+         pam_syslog(pamh, LOG_ERR,
+                     "Unable to change UID back to %d\n", privs.old_uid);
+         retval = PAM_SESSION_ERR;
+     }
+     _pam_drop(flag);
+     _pam_drop(dir);
+ }
+ return retval;
+
+ PAM_EXTERN
+ int pam_sm_open_session(pam_handle_t *pamh, int flags,
+ int argc, const char **argv)
+ {
+     int @ @ -116,6 +171,9 @ @
+     /* Display the updated motd */
+     display_file(pamh, motd_path);
+     /* Display the legal disclaimer only if necessary */
+
+ /* Display the updated motd */
+ display_file(pamh, motd_path);
+    retval = display_legal(pamh);
+
+    return retval;
+
}

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on

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

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2006-2011, 2014, Roberto C. Sanchez <roberto@connexer.com>
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1.300 libncursesw6 6.1+20181013 2+deb10u2

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

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

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1.301 idna 2.6

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---

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

---

import io, sys
from setuptools import setup
def main():
    python_version = sys.version_info[:2]
    if python_version < (2,6):
        raise SystemExit("Sorry, Python 2.6 or newer required")
    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)
    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2.6',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.3',
            ]
    setup(**arguments)
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Topic :: Internet :: Name Service (DNS)',
'Topic :: Software Development :: Libraries :: Python Modules',
'Topic :: Utilities',
],
'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

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* /opt/cola/permits/1108538913_1606173737.41/0/idna-2-6-1-tar-gz/idna-2.6/setup.py
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Metadata-Version: 1.1
Name: idna
Version: 2.6
Summary: Internationalized Domain Names in Applications (IDNA)
Home-page: https://github.com/kjd/idna
Author: Kim Davies
Author-email: kim@cynosure.com.au
License: BSD-like
Description: Internationalized Domain Names in Applications (IDNA)

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <http://tools.ietf.org/html/rfc5891>`_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_. This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (`RFC 3490 <http://tools.ietf.org/html/rfc3490>`_).

Basic functions are simply executed:

```pycon
# Python 3
>>> import idna
>>> idna.encode('.

b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.

# Python 2
>>> import idna
>>> idna.encode(u'.

'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
.
```
Packages
--------

The latest tagged release version is published in the PyPI repository:

.. image:: https://badge.fury.io/py/idna.svg
   :target: http://badge.fury.io/py/idna

Installation
------------

To install this library, you can use pip:

.. code-block:: bash

   $ pip install idna

Alternatively, you can install the package using the bundled setup script:

.. code-block:: bash

   $ python setup.py install

This library works with Python 2.6 or later, and Python 3.3 or later.

Usage
-----

For typical usage, the \``encode`` and \``decode`` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

.. code-block:: pycon

   # Python 3
   >>> import idna
   >>> idna.encode('.')
   b'xn--eckwd4c7c.xn--zckzah'
   >>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
   .

You may use the codec encoding and decoding methods using the \``idna.codec`` module:

.. code-block:: pycon
# Python 2
>>> import idna.codec
>>> print u''.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.

Conversions can be applied at a per-label basis using the `ulabel` or `alabel` functions if necessary:

.. code-block:: pycon

    # Python 2
    >>> idna.alabel(u'')
    'xn--0zwm56d'

Compatibility Mapping (UTS #46)
+++++++++++++++++++++++++++++++

As described in `RFC 5895 <http://tools.ietf.org/html/rfc5895>`_, the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as `Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_, it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as "LATIN CAPITAL LETTER K" is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

    # Python 3
    >>> import idna
    >>> idna.encode(u'Königsgäßchen')
    ...
    idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
    >>> idna.encode('Königsgäßchen', uts46=True)
    b'xn--knigsgchen-b4a3dun'
    >>> print(idna.decode('xn--knigsgchen-b4a3dun'))
    königsgäßchen

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA
specification, the *LATIN SMALL LETTER SHARP S* (ß) was converted into two *LATIN SMALL LETTER S* (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

    # Python 2
    >>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
    'xn--knigsgsschen-lcb0w'

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

``encodings.idna`` Compatibility
++++++++++++++++++++++++++++++++

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions
----------

All errors raised during the conversion following the specification should raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError`` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; ``idna.InvalidCodepoint`` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and ``idna.InvalidCodepointContext`` when the codepoint is illegal based on its positional context (i.e. it is CONEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics
------------------------

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script ``tools/idna-data``.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:
* ``idna-data make-libdata``. Generates ``idnadata.py`` and ``uts46data.py``,
  the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors
  who wish to track this library against a different Unicode version may use this tool
  to manually generate a different version of the ``idnadata.py`` and ``uts46data.py``
  files.

* ``idna-data make-table``. Generate a table of the IDNA disposition
  (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC
  5892 and the pre-computed tables published by `IANA <http://iana.org/>`_.

* ``idna-data U+0061``. Prints debugging output on the various properties
  associated with an individual Uniccode codepoint (in this case, U+0061), that are
  used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging
  or analysis.

The tool accepts a number of arguments, described using ``idna-data -h``. Most notably,
the ``--version`` argument allows the specification of the version of Unicode to use
in computing the table data. For example, ``idna-data --version 9.0.0 make-libdata``
will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work
in Python 2.6+.

Testing
------

The library has a test suite based on each rule of the IDNA specification, as
well as tests that are provided as part of the Unicode Technical Standard 46,
`Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_.

The tests are run automatically on each commit at Travis CI:

.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna

Platform: UNKNOWN
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1.302 perl-constant 1.27 2.el7

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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linked with it, is called a "work that uses the Library”. Such a
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therefore falls outside the scope of this License.

However, linking a "work that uses the Library” with the Library
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Section 6 states terms for distribution of such executables.

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1.306 Lua 5.1.4 15.el7

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1.316 libdrm-common 2.4.97-1

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

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

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

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 */

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// now keep space is free to use

public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

/**
 * Poly1305 message authentication code, designed by D. J. Bernstein.
 * <p>
 * Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
 * consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106
 * effective key bits) used in the authenticator.
 * <p>
 * The polynomial calculation in this implementation is adapted from the public domain <a
 * href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation
 * by Andrew M (@floodyberry).
 * @see Poly1305KeyGenerator
 */

/**
 * SPHINCS-256 signer.
 * <p>
* This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being the digests used
* for message hashing and tree construction are now configurable (within limits...) and that the implementation produces
* detached signatures.
  */

Found in path(s):
* /opt/cola/permits/1108987273_1606240433.56/0/bcprov-jdk15on-1-64-sources-1-jar/org/bouncycastle/pqc/crypto/sphincs/SPHINCS256Signer.java

1.319 e2fsprogs 1.44.5 1+deb10u3

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Theodore Ts'o
23-June-2007

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Because of this blurred distinction, using the ordinary General
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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

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

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>
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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

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

From the original distribution:

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

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

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

image::$(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)/$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
clean:
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the Common Error
Description library. It is currently distributed together with the EXT2 file
system utilities, which are otherwise packaged as "e2fsprogs".

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

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Gadi Oxman, August 1995

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* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/IllegalOptionSpecificationException.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/internal/Reflection.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/internal/ConstructorInvokingValueConverter.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/ValueConverter.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/OptionMissingRequiredArgumentException.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/OptionSet.java
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* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/AbstractOptionSpec.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/internal/SimpleOptionNameMap.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/UnavailableOptionException.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/RequiredArgumentOptionSpec.java
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* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/internal/ReflectionException.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/OptionException.java
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* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/OptionalArgumentOptionSpec.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/NonOptionArgumentSpec.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/internal/Rows.java
* /opt/cola/permits/1108573541_1606168900.99/0/jopt-simple-5-0-2-sources-2-jar/joptsimple/UnrecognizedOptionException.java
1.321 libtinfo 6.2 0ubuntu2

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Current versions of the ncurses sources are found at
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build-aux/missing
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1.328 postgresql-client 9.6.12-1.pgdg90+1

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

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@enumerate 0
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
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5. A program that contains no derivative of any portion of the
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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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

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

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

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

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

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

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

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

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

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

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Appendix: How to Apply These Terms to Your New Programs

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<signature of Ty Coon>, 1 April 1989
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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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That's all there is to it!
This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries. In addition, Debian provides the gdc compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

- ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
- svn://gcc.gnu.org/svn/gcc/ (for prereleases)
- http://bitbucket.org/goshawk/gdc (for D)

The current gcc-4.8 source package is taken from the SVN gcc-4_8-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-4.8</td>
<td>libgnat-4.8</td>
<td>gnat-4.8-doc</td>
</tr>
<tr>
<td>C</td>
<td>gcc-4.8</td>
<td>gcc-4.8-doc</td>
<td></td>
</tr>
<tr>
<td>C++</td>
<td>g++-4.8</td>
<td>libstdc++6</td>
<td>libstdc++6-4.8-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-4.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-4.8</td>
<td>libgfortran3</td>
<td>gfortran-4.8-doc</td>
</tr>
<tr>
<td>Go</td>
<td>gccgo-4.8</td>
<td>libgo0</td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>gcj-4.8</td>
<td>libgcj10</td>
<td>libgcj-doc</td>
</tr>
<tr>
<td>Objective C</td>
<td>gobjc-4.8</td>
<td>libobjc2</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>gobjc++-4.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Sources</th>
<th>Development</th>
<th>Debugging</th>
<th>Position-Independent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C++</td>
<td>libstdc++6-4.8-dbgsym</td>
<td>libstdc++6-4.8-pic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>libphobos-4.8-dev</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>libgcj10-srplibgcj10-dev</td>
<td>libgcj10-dbg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional packages include:

All languages:
- libgcc1, libgcc2, libgcc4: GCC intrinsics (platform-dependent)
- gcc-4.8-base: Base files common to all compilers
- gcc-4.8-soft-float: Software floating point (ARM only)
- gcc-4.8-source: The sources with patches
Ada:
libgnatvsn-dev, libgnatvsn4.8  GNAT version library
libgnatprj-dev, libgnatprj4.8  GNAT Project Manager library

C:
cpp-4.8, cpp-4.8-doc  GNU C Preprocessor
libmudflap0-dev, libmudflap0  Library for instrumenting pointers
libssp0-dev, libssp0  GCC stack smashing protection library
libquadmath0  Math routines for the __float128 type
fixincludes  Fix non-ANSI header files
protoize  Create/remove ANSI prototypes from C code

Java:
gij  The Java bytecode interpreter and VM
libgcj-common  Common files for the Java run-time
libgcj10-awt  The Abstract Windowing Toolkit
libgcj10-jar  Java ARchive for the Java run-time

C, C++ and Fortran 95:
libgomp1-dev, libgomp1GCC OpenMP (GOMP) support library
libitm1-dev, libitm1GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libmudflap
- libgfortran
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Developed by:

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Version 3.1, 31 March 2009

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gdc-4.8 GNU D Compiler
The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
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The Zlib data compression library:
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The Phobos standard runtime library:
- d/phobos/*

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

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More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (doser@src.dec.com) and Regis Criddig (Regis.Criddig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)

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c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
@c End:

1.334 info 5.1 5.el7

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/* Determine display width of Unicode character.
   Copyright (C) 2001-2002, 2006-2013 Free Software Foundation, Inc.
   Written by Bruno Haible <bruno@clisp.org>, 2002.

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along with this program. If not, see <http://www.gnu.org/licenses/>. */

#include <config.h>

/* Specification. */
#include "uniwidth.h"

#include "cjk.h"

/*
 * Non-spacing attribute table.
 * Consists of:
 * - Non-spacing characters; generated from PropList.txt or
 *   "grep '[^;]*;[^;]*;[^;]*;[^;]*;NSM;' UnicodeData.txt"
 * - Format control characters; generated from
 *   "grep '[^;]*;[^;]*;Cf;' UnicodeData.txt"
 * - Zero width characters; generated from
 *   "grep '[^;]*;ZERO WIDTH'; UnicodeData.txt"
 */

static const unsigned char nonspacing_table_data[27*64] = {
    0x0000-0x01ff */
    0xff, 0xff, 0xff, 0xff, 0x00, 0x00, 0x00, 0x00, /* 0x0000-0x003f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, /* 0x0040-0x007f */
    0xff, 0xff, 0xff, 0xff, 0x00, 0x20, 0x00, 0x00, /* 0x0080-0x00bf */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x00c0-0x00ff */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0100-0x013f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0140-0x017f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0180-0x01bf */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x01c0-0x01ff */
    /* 0x0200-0x03ff */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0200-0x023f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0240-0x027f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0280-0x02bf */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x02c0-0x02ff */
    0xff, 0xff, 0xff, 0xff, 0xff, 0xff, 0xff, /* 0x0300-0x033f */
    0xff, 0xff, 0xff, 0xff, 0xff, 0xff, 0xff, 0xff, /* 0x0340-0x037f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0380-0x03bf */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x03c0-0x03ff */
    /* 0x0400-0x05ff */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0400-0x043f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0440-0x047f */
    0x08, 0x03, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0480-0x04bf */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x04c0-0x04ff */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0500-0x053f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0540-0x057f */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x0580-0x05bf */
    0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, /* 0x05c0-0x05ff */
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static const signed char nonspacing_table_ind[240] = {
    0, 1, 2, 3, 4, 5, 6, 7, /* 0x0000-0x0fff */
    8, 9, -1, 10, 11, 12, 13, -1, /* 0x1000-0x1fff */
    14, -1, -1, -1, -1, 15, -1, /* 0x2000-0x2fff */
    16, -1, -1, -1, -1, -1, -1, /* 0x3000-0x3fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x4000-0x4fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x5000-0x5fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x6000-0x6fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x7000-0x7fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x8000-0x8fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x9000-0x9fff */
    -1, -1, -1, -1, 17, 18, 19, -1, /* 0xa000-0xaaff */
    -1, -1, -1, -1, -1, -1, -1, /* 0xb000-0xbfff */
    -1, -1, -1, -1, -1, -1, -1, /* 0xc000-0xccff */
    -1, -1, -1, -1, -1, -1, -1, /* 0xd000-0xddff */
    -1, -1, -1, -1, -1, -1, -1, /* 0xe000-0xefff */
    -1, -1, -1, -1, -1, 20, -1, -1, /* 0xf000-0xffff */
    22, -1, -1, -1, -1, -1, -1, /* 0x10000-0x10fff */
    24, -1, -1, -1, -1, -1, -1, /* 0x11000-0x11fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x12000-0x12fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x13000-0x13fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x14000-0x14fff */
    -1, -1, -1, -1, -1, -1, -1, /* 0x15000-0x15fff */
};
int uc_width (ucs4_t uc, const char *encoding)
{
    /* Test for non-spacing or control character. */
    if ((uc >> 9) < 240)
    {
        int ind = nonspacing_table_ind[uc >> 9];
        if (ind >= 0)
            if ((nonspacing_table_data[64*ind + ((uc >> 3) & 63)] >> (uc & 7)) & 1)
                if (uc > 0 && uc < 0xa0)
                    return -1;
                else
                    return 0;
    }
    else if ((uc >> 9) == (0xe0000 >> 9))
    {
        if (uc >= 0xe0100)
        {
            if (uc <= 0xe01ef)
                return 0;
        }
    }
    else if ((uc >> 9) == (0xe0000 >> 9))
    {
        if (uc >= 0xe0100)
        {
            if (uc <= 0xe01ef)
                return 0;
        }
    }
    else
    {
        if (uc >= 0xe0020 ? uc <= 0xe007f : uc == 0xe0001)
            return 0;
    }
    /* Test for double-width character. */
    * Generated from "grep \"^[^;]*[^.5];[WF]\" EastAsianWidth.txt"
    * and  "grep \"^[^;]*[^.5];[^WF]\" EastAsianWidth.txt"
    */
    if (uc >= 0x1100
        && ((uc < 0x1160) /* Hangul Jamo */
            || (uc >= 0x2329 && uc < 0x232b) /* Angle Brackets */
            || (uc >= 0xe080 && uc < 0xa4d0 /* CJK ... Yi */
&& !(uc == 0x303f) && !(uc >= 0x4dc0 && uc < 0x4e00))
 || (uc >= 0xac00 && uc < 0xd7a4) /* Hangul Syllables */
 || (uc >= 0xfe10 && uc < 0xfe20) /* Presentation Forms for Vertical */
 || (uc >= 0xfe30 && uc < 0xfe70) /* CJK Compatibility Forms */
 || (uc >= 0xff00 && uc < 0xff61) /* Fullwidth Forms */
 || (uc >= 0xffe0 && uc < 0xffe7) /* Fullwidth Signs */
 || (uc >= 0x20000 && uc <= 0x2ffff) /* Supplementary Ideographic Plane */
 || (uc >= 0x30000 && uc <= 0x3ffff) /* Tertiary Ideographic Plane */
     )

return 2;
/* In ancient CJK encodings, Cyrillic and most other characters are
double-width as well. */
if (uc >= 0x00A1 && uc < 0xFF61 && uc != 0x20A9
 && is_cjk_encoding (encoding))
return 2;
return 1;
}

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[role="xpack"]
[testenv="basic"]
[[get-license]]
=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++
This API enables you to retrieve licensing information.

```
[ float ]
==== Request

`GET /_xpack/license`
```

[ float ]
==== Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```
[ float ]
==== Query Parameters

`local`:
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.
```

[ float ]
==== Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

[ float ]
==== Examples

The following example provides information about a trial license:

```
[ source,js ]
---------------------------------------------
GET _xpack/license
---------------------------------------------
// CONSOLE

[ source,js ]
---------------------------------------------
{
  "license" : {

```

"status" : "active",
"uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
"type" : "trial",
"issue_date" : "2018-10-20T22:05:12.332Z",
"issue_date_in_millis" : 1540073112332,
"expiry_date" : "2018-11-19T22:05:12.332Z",
"expiry_date_in_millis" : 1542665112332,
"max_nodes" : 1000,
"issued_to" : "test",
"issuer" : "elasticsearch",
"start_date_in_millis" : -1
}
}

--

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/
// TESTRESPONSE[s/"basic"/$body.license.type/
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/
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Jul 7, 2017

Update year in notice.
Cryptacular Java Library

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This API enables you to delete licensing information.

```
DELETE /_xpack/license
```

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].
### Examples

The following example queries the info API:

```
[source.js]
------------------------------------------------------------
DELETE _xpack/license
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]
```

When the license is successfully deleted, the API returns the following response:

```
[source.js]
------------------------------------------------------------
{
  "acknowledged": true
}
------------------------------------------------------------

// NOTCONSOLE
Apache HttpComponents Client
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```java
=== Delete License

[[java-rest-high-delete-license]]

=== Delete License

[[java-rest-high-delete-license-execution]]

==== Execution

The license can be deleted using the `deleteLicense()` method:

```java
include-tagged:/{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
```

[[java-rest-high-delete-license-response]]

==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.
Check the acknowledge flag. It should be true if license deletion is acknowledged.

This request can be executed asynchronously:

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

Called when the execution is successfully completed. The response is provided as an argument

Called in case of failure. The raised exception is provided as an argument

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```
0"0
*H
0
+5Bj:hsTfrs&avDgpi]2oR<CiizzzE(yhZ)TCjh~!P|499cq5b!Y{VX=.Vd :g9hD`Xv8njj) 34aYfsWBkuOo@u@175/YmI4~
[role="xpack"]
[testenv="basic"]
[[update-license]]

=== Update license API
++++
<titleabbrev>Update license</titleabbrev>
++++

This API enables you to update your license.

[float]
```
=== Request

`PUT _xpack/license`

[loat]

=== Description

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[loat]

=== Query Parameters

`acknowledge`:
(booleans) Specifies whether you acknowledge the license changes. The default value is `false`.

[loat]

=== Request Body

`licenses`:
(array) A sequence of one or more JSON documents containing the license information.

[loat]

=== Authorization

If `{es}` `{security-features}` are enabled, you need `manage` cluster privileges to install the license.

If `{es}` `{security-features}` are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See `<<configuring-tls>>`.

[loat]

=== Examples

The following example updates to a basic license:

[source.js]

------------------------------------------------------------
POST _xpack/license
{
  "licenses": [ 
  
  
  "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
  "type": "basic",
  "issue_date_in_millis": 1411948800000,
  "expiry_date_in_millis": 1914278399999,
  "max_nodes": 1,
  "issued_to": "issuedTo",
  "issuer": "issuer",
  "signature": "xx"
  ]
}

// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]

gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"

In these examples,

* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must
start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]
```json

{}{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"
  },
  "watcher": [],
  "logstash": [],
  "security": []
}
``` // NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source,js]
```json

POST _xpack/license?acknowledge=true
{
  "licenses": [
  {
    "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
    "type":"basic",
    "issue_date_in_millis":1411948800000,
    "expiry_date_in_millis":1914278399999,
    "max_nodes":1,
    "issued_to":"issuedTo",
    "issuer":"issuer",
    "signature":"xx"
  }]
}
``` // CONSOLE
Alternatively:

[source,sh]
------------------------------------------------------------
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json"
-d @license.json
------------------------------------------------------------

For more information about the features that are disabled when you downgrade your license, see [License expiration](http://rapidjson.org/MIT,"Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip”

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OSXAdapter

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at
  [the mailing list](http://groups.google.com/group/snakeyaml-core).

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```java
[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
--------------------------------------------------

[[java-rest-high-get-license-response]]
==== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
--------------------------------------------------

<1> The text of the license.

[[java-rest-high-get-license-async]]
==== Asynchronous Execution

This request can be executed asynchronously:

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
```

---

Called when the execution is successfully completed. The response is provided as an argument

Called in case of failure. The raised exception is provided as an argument

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 ==== Update License

=== Execution

The license can be added or updated using the `putLicense()` method:

[[java-rest-high-put-license]]

== Execution

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.
The status of the license

Make sure that the license is valid.

Check the acknowledge flag. It should be true if license is acknowledged.

Otherwise we can see the acknowledge messages in `acknowledgeHeader()` and check component-specific messages in `acknowledgeMessages()`.

Asynchronous Execution

This request can be executed asynchronously:

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

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```
[role="xpack"]
[[license-settings]]

``` License Settings

```
++++
<titleabbrev>License Settings</titleabbrev>
++++

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see
`{stack-ov}/license-management.html` [License management].

`xpack.license.self_generated.type`::
Set to `basic` (default) to enable basic {xpack} features. +
+--
If set to `trial`, the self-generated license gives access only to all the features of a x-pack for 30 days. You can later downgrade the cluster to a basic license if needed.
--

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analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

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analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
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===========================================================================

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

===========================================================================

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

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mecab-ipadic-2.7.0-20070801 Notice

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Charset detection code from ICU4J (http://site.icu-project.org/)

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- do:
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## bwc for licenses format
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- do:
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    ["licenses":[]}
body:

"licenses": [{ "uid": "893361dc-9749-4997-93cb-802e3d0f4a8", "type": "internal", "subscription_type": "none", "issue_date_in_millis": 1440892799999, "max_nodes": 1, "issued_to": "issuerto", "issuer": "issuer", "signature": "AAAQAQAAA04Q4y3FyWLFkystEAAAAbmC9ZN0hjZDBGYnVyRXpCOW5Bb3fJZDAxOWpSbTVoMVZWUrzVkJPSmxakxZdW51mHThN0n1N2MXMvRFk4d3JTZE3x3R3RZ0pU3bwhUKZaQvSFeu0ppTHBkWkprZWSQ9hNnR0qkhkW1sJ0lDaZC5095MXRGN1I1ZycYeVTTmFrcTE2dzhJznZrdFqRonQ3JQeGwxb0U0MXZ0dDjHiSeriZTVLOhNzSDbWywpoZePzHBEZJUrTVBxRENNXSxNWJjZllaODdzVemzEunjNwktNWGM5TUhVq2pU0uQ4JQV1OX4MXU0LpOSehQuV2b2zhUmUk9QVzheFbFeTM1Q0RnJXSG53Mwk2K053c28zSmRnVkf1b2JSQklVFKLV2UXmVHNDZ2Rs3o2VE1qvbVNSQS1IhxOHN5bUerZNIWkZSVMZiWEtuSU9wTTJENDVtV1NCYklaUCyK2FwRW9xa06ldDmbMzSgQc3FWOTg23ZUcXMvQkt2RuzwMFJnzDzdL22bDruuzh6Ug5cdfENGWFRxeXKNNkE9QPAQQABqMVUMn4hE4R4YQmijahTQxj4LPQ041Ms79UXxXkDiGeH+J5pRHzx08OTRpsFL1IEEd+h+PlXx307Vo+PNDsOxwVwOYOZeYbkOLAO3ny9hQga+52YhMxIurFrT9xbcSCSNpMhGojgOIPUW2giopVdYcm1o+gK8VtklPB1pWwFfOJOnPrg/Lcx3WyYpkeAUUy3WYUyIFBAe4bnz84if+xwLkbgyK6aHF25ECBtbdvUruhcm9jyJFp0lEutCouvvd9+h+INJ40i5ckv4xprRgaRGx2p9ONG8HZN0QGphY1GbisoCxnDmlLsyVxqFMu3n/r7/jdsESJcJAIzSrsLDOu6H" }, { "uid": "893361dc-9749-4997-93cb-802e3d0f7aaa", "type": "internal", "subscription_type": "none", "issue_date_in_millis": 1443484800000, "max_nodes": 1, "issued_to": "issuerto", "issuer": "issuer", "signature": "AAAAAQAAA05e9OguRlADeMgLmMAAAbmC9ZN0hjZDBGYnVyRXpCOW5Bb3fJZDAxOWpSbTVoMVZWUrzVkJPSmxakxZdW51mHThN0n1N2MXMvRFk4d3JTZE3x3R3RZ0pU3bwhUKZaQvSFeu0ppTHBkWkprZWSQ9hNnR0qkhkW1sJ0lDaZC5095MXRGN1I1ZycYeVTTmFrcTE2dzhJznZrdFqRonQ3JQeGwxb0U0MXZ0dDjHiSeriZTVLOhNzSDbWywpoZePzHBEZJUrTvBxRENNXSxNWJjZllaODdzVemzEunjNwktNWGM5TUhVq2pU0uQ4JQV1OX4MXU0LpOSehQuV2b2zhUmUk9QVzheFbFeTM1Q0RnJXSG53Mwk2K053c28zSmRnVkf1b2JSQklVFKLV2UXmVHNDZ2Rs3o2VE1qvbVNSQS1IhxOHN5bUerZNIWkZSVMZiWEtuSU9wTTJENDVtV1NCYklaUCyK2FwRW9xa06ldDmbMzSgQc3FWOTg23ZUcXMvQkt2RuzwMFJnzDzdL22bDruuzh6Ug5cdfENGWFRxeXKNNkE9QPAQQABqMVUMn4hE4R4YQmijahTQxj4LPQ041Ms79UXxXkDiGeH+J5pRHzx08OTRpsFL1IEEd+h+PlXx307Vo+PNDsOxwVwOYOZeYbkOLAO3ny9hQga+52YhMxIurFrT9xbcSCSNpMhGojgOIPUW2giopVdYcm1o+gK8VtklPB1pWwFfOJOnPrg/Lcx3WyYpkeAUUy3WYUyIFBAe4bnz84if+xwLkbgyK6aHF25ECBtbdvUruhcm9jyJFp0lEutCouvvd9+h+INJ40i5ckv4xprRgaRGx2p9ONG8HZN0QGphY1GbisoCxnDmlLsyVxqFMu3n/r7/jdsESJcJAIzSrsLDOu6H" }, { "uid": "893361dc-9749-4997-93cb-802e3d0f7aaa", "type": "internal", "subscription_type": "none", "issue_date_in_millis": 1414278399999, "max_nodes": 1, "issued_to": "issuerto", "issuer": "issuer", "signature": "AAAAAQAAA0Sc90guRIaQEmgLvMnAAAbmC9ZN0hjZDBGYnVyRXpCOW5Bb3fJZDAxOWpSbTVoMVZWUrzVkJPSmxakxZdW51mHThN0n1N2MXMvRFk4d3JTZE3x3R3RZ0pU3bwhUKZaQvSFeu0ppTHBkWkprZWSQ9hNnR0qkhkW1sJ0lDaZC5095MXRGN1I1ZycYeVTTmFrcTE2dzhJznZrdFqRonQ3JQeGwxb0U0MXZ0dDjHiSeriZTVLOhNzSDbWywpoZePzHBEZJUrTvBxRENNXSxNWJjZllaODdzVemzEunjNwktNWGM5TUhVq2pU0uQ4JQOUm4MXU0LpOSehQuV2b2zhUmUk9QVzheFbFeTM1Q0RnJXSG53Mwk2K053c28zSmRnVkf1b2JSQklVFKLV2UXmVHNDZ2Rs3o2VE1qvbVNSQS1IhxOHN5bUerZNIWkZSVMZiWEtuSU9wTTJENDVtV1NCYklaUCyK2FwRW9xa06ldDmbMzSgQc3FWOTg23ZUcXMvQkt2RuzwMFJnzDzdL22bDruuzh6Ug5cdfENGWFRxeXKNNkE9QPAQQABqMVUMn4hE4R4YQmijahTQxj4LPQ041Ms79UXxXkDiGeH+J5pRHzx08OTRpsFL1IEEd+h+PlXx307Vo+PNDsOxwVwOYOZeYbkOLAO3ny9hQga+52YhMxIurFrT9xbcSCSNpMhGojgOIPUW2giopVdYcm1o+gK8VtklPB1pWwFfOJOnPrg/Lcx3WyYpkeAUUy3WYUyIFBAe4bnz84if+xwLkbgyK6aHF25ECBtbdvUruhcm9jyJFp0lEutCouvvd9+h+INJ40i5ckv4xprRgaRGx2p9ONG8HZN0QGphY1GbisoCxnDmlLsyVxqFMu3n/r7/jdsESJcJAIzSrsLDOu6H" }],

- match: { license_status: "valid" }
- do:
  xpack.license.get: {} 
- length: { license: 11 } 
- match: { license.uid: "893361dc-9749-4997-93cb-802e3d0f7aaa" }

---

"Should throw 404 after license deletion":
- do:
  xpack.license.delete: {} 
- length: { license: 11 } 
- match: { license.uid: "893361dc-9749-4997-93cb-802e3d0f7aaa" } 

---

"Called true";
- do:
  xpack.license.get: {} 
- catch: missing
"Should install a feature type license":

```
# VERSION_NO_FEATURE_TYPE license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
      "license": {"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null},
- match: { license_status: "valid" }
- do:
  xpack.license.get: {}  
- length: { license: 11 }
```

"Cannot start basic":

```
catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
      "license": {"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"basic","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null},
- match: { license_status: "valid" }
- do:
  catch: bad_request
    xpack.license.post:
      acknowledge: true
      body: |
```

```
- match: { license_status: "valid" }
```
- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

---

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

---

"Current license is trial means not eligle to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }

- match: { error_message: "Operation failed: Trial was already activated." }

---

"Trial license cannot be basic":

- do:
  catch: bad_request
  xpack.license.post_start_trial:
type: "basic"
acknowledge: true

"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }
  - do:
    xpack.license.post_start_basic:
      acknowledge: true

- match: { basic_was_started: true }
  - match: { acknowledged: true }
  - do:
    xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }
  - do:
    catch: forbidden
    xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
  - match: { acknowledged: false }
  - match: { error_message: "Operation failed: Current license is basic." }

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
  - match: { acknowledged: false }
  - match: { error_message: "Operation failed: Needs acknowledgement." }

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-----
Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

"There is no restriction on modifications and derived works" on the work I
did for the openldap server as long as this is consistent with the openldap
license. Please forward this email to Kurt so he does the appropriate
changes to the files to reflect this.

Regards, Juan

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MA

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Local-Date: Thu, 05 Jun 2003 16:53:32 -0400
Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

Hi Stephen,

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-Mark

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---
After discussing this license with the OpenLDAP Foundation we received clarification on it:
---
* To: Stephen Frost <sfrost@snowman.net>
* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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The Foundation sees no reason for it to expend its limited resources seeking clarifications which it believes are unnecessary. You are,
of course, welcomed to expend time and energy seeking clarifications you think are necessary. I suggest you contact University's general counsel office (http://www.umich.edu/~vpqc/).

Regards, Kurt

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1.341 protobuf-c 1.3.3-r4

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lib/gssapi/mechglue/g_canon_name.c
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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
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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- javaee_web_services_1_3.xsd
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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
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- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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      interactive use in the most ordinary way, to print or display an
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
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Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
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1.349 musl-utils 1.1.24-r3

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1.351 dumb-init 1.2.2-1.1

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1.352 java-version-checker 6.8.13

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Get license API

This API enables you to retrieve licensing information.

```
`GET /_xpack/license`
```

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

`local`:
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.
The following example provides information about a trial license:

```javascript
GET _xpack/license

// CONSOLE

{  
  "license" : {  
    "status" : "active",  
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",  
    "type" : "trial",  
    "issue_date" : "2018-10-20T22:05:12.332Z",  
    "issue_date_in_millis" : 1540073112332,  
    "expiry_date" : "2018-11-19T22:05:12.332Z",  
    "expiry_date_in_millis" : 1542665112332,  
    "max_nodes" : 1000,  
    "issued_to" : "test",  
    "issuer" : "elasticsearch",  
    "start_date_in_millis" : -1  
  }  
}
```

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]  
// TESTRESPONSE[s/"basic"/$body.license.type/]  
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]  
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/]  
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]  
// TESTRESPONSE[s/1542665112332/$body.license.expiry_date_in_millis/]  
// TESTRESPONSE[s/1000/$body.license.max_nodes/]  
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  <link rel="dns-prefetch" href="https://avatars0.githubusercontent.com">
  <link rel="dns-prefetch" href="https://avatars1.githubusercontent.com">
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Cryptacular Java Library

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[role="xpack"]
[testenv="basic"]
[[delete-license]]

=== Delete license API
++++
<titleabbrev>Delete license</titleabbrev>
++++
This API enables you to delete licensing information.

##### Request

`DELETE /_xpack/license`

##### Description

When your license expires, `{xpack}` operates in a degraded mode. For more information, see `{stack-ov}/license-expiration.html`[License expiration].

##### Authorization

You must have `manage` cluster privileges to use this API. For more information, see `<security-privileges>`.

##### Examples

The following example queries the info API:

```javascript
DELETE _xpack/license
```

When the license is successfully deleted, the API returns the following response:

```javascript
{
"acknowledged": true
}
```

Apache HttpComponents Client

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[[java-rest-high-delete-license]]

```java
=== Delete License
```

[[java-rest-high-delete-license-execution]]

```java
==== Execution
```

The license can be deleted using the `deleteLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
```

[[java-rest-high-delete-license-response]]

```java
==== Response
```

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
```

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

[[java-rest-high-delete-license-async]]

```java
==== Asynchronous Execution
```

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]```
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# Jackson JSON processor

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

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This API enables you to update your license.

```plaintext
`PUT _xpack/license`
```

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

Query Parameters

`acknowledge`::
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

Request Body

`licenses`::
(array) A sequence of one or more JSON documents containing the license
information.

[float]
==== Authorization

If `{es}` `{security-features}` are enabled, you need `manage` cluster privileges to install the license.

If `{es}` `{security-features}` are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See `<<configuring-tls>>`.

[float]
==== Examples

The following example updates to a basic license:

[source,js]
------------------------------------------------------------
POST /_xpack/license
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]
------------------------------------------------------------
curl -XPUT -u <user> 'http://<host>:<sport>:/_xpack/license' -H "Content-Type: application/json" -d @license.json
On Windows machine, use the following command:

```bash
gc \license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of the {es} node (localhost if executing locally)
* `<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

```json
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",
    "watcher": [
      "Watcher will be disabled"
    ],
    "logstash": [
      "Logstash will no longer poll for centrally-managed pipelines"
    ],
    "security": [
      "The following X-Pack security functionality will be disabled: ..."
    ]
  }
}
```

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:
POST _xpack/license?acknowledge=true
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}

// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]
------------------------------------------------------------
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json
------------------------------------------------------------

// NOTCONSOLE

For more information about the features that are disabled when you downgrade your license, see {stack-ov}/license-expiration.html[License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting
languages.
SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source","java",subs="attributes,callouts,macros"]
---------------------------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
---------------------------------------------------------------------

[[java-rest-high-get-license-response]]
==== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

["source","java",subs="attributes,callouts,macros"]
---------------------------------------------------------------------
["source","java",subs="attributes,callouts,macros"]

Asynchronous Execution

This request can be executed asynchronously:

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

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[[java-rest-high-put-license]]

==== Execution

The license can be added or updated using the `putLicense()` method:
Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.

A JSON document containing the license information.

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

The status of the license

Make sure that the license is valid.

Check the acknowledge flag. It should be true if license is acknowledged.

Otherwise we can see the acknowledge messages in `acknowledgeHeader()` and check component-specific messages in `acknowledgeMessages()`.

This request can be executed asynchronously:

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.
A typical listener for `PutLicenseResponse` looks like:

```javascript
["source","java",subs="attributes,callouts,macros"]
```

--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument

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[role="xpack"]
[[license-settings]]

```yaml
`xpack.license.self_generated.type`::
```
Set to `basic` (default) to enable basic `xpack` features. +
+
--
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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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JUnRAR (https://github.com/edmund-wagner/junrar/)

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---

teardown:
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    {"licenses": [{"uid": "3aa62ffe-36e1-4fad-bf4c-9d8f8301eb22", "type": "trial", "issue_date_in_millis": 1523456691721, "max_nodes": 5, "issued_to": "customer", "issuer": "elasticsearch", "signature": "AAAAABAAAAA2WNvuc+DT0lrnYZkAAAAAno5/6h6rhGh1QqrJmy4qmmEC7gK0u4Z6q6ZeHMm/j4AAABAE6n6G9yVxKbu2T3D5hhf56zkQODCOdhr0y2d17Z5JMZRqO7ZyvwPCWNSlaR33GhflHktER0ysML0xMH/gXavhyRvMBlndjr0UBKzwupTawSlnxYtcq98nSBivJ7Kf+u1SpAllLC2Z9F9nkRlqwXgJItwYn7xncnZx9DKfOWrU/pTP0bo7jcePLVTkw6WFen7/hCFDQ7UTFZ0Qxdm+4q7A1PacHGNxGfbdMVmAXC5xGkRfT3clo9/vadg=+isNh1Sp9mn7gwsvBAkt1FrPH2EXXYbfoOsBvUmhYMgErLgk1c3/B0sPCWLOaX1xMaysodZ0jagU3auZXY="}, "start_date_in_millis": -1]}

---

"Installing and getting license works":

## current license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    {"licenses": [{"uid": "894371dc-9t49-4997-93cb-802e3r71f6a8", "type": "trial", "issue_date_in_millis": 1411948800000, "max_nodes": 1, "issued_to": "issuer", "signature": "AAAAAgAAAA0FWh0T9jJltpQ2qanmAAABMc92Nz0hjZDBGYnVyRXpCOW58b3FfjZDAuOWpSBvTVoMVZwUzRxVkJPSmkxaZxdW5MhlTHlN01N2MXMrfKf4d3T7E3x3R3RZ0pz0hjZwKznQvSEFvao6pPThBkWkprZWZSQi9iNmRNQnkw1Slp00DalZCS095XMRGXNlIIZpVcVTTtHnFrC2edzHzZmZrdFQnR3fQeGzwboU0MXZ0dDJSERzTVLOHnSDBwYwnp0EphZHBEZjUrTVBxRENSNXSnWjJzlaODdzVmeUJnrkTnWGM5TUhQv2pLaUo4Q1JOUm4MXNULo5SoEhQaVB2zahmWk9QVzhFeTfoM1Q0RjXSG53MWk2K055c28zSmRnVf1b2JSQkFLv2VXUmVHNZD2R3o2VE1q/bvNQ52iOHN5bUEzINWkZWxVzWmZlWeSU9w7T7JENdVt1NCXyklacUYkK2FWsR9xao06ddDmmBznMsGqcs3FwOtgZ3ZUxCMvQkJt2RUZwMFJzZzblD2d2bDRWUh6U5pDENGWFReXK Nic9E9PQAAMQBZrvozA0ttrxzU71Qbts7K5Tn953KvVq6p8yg1PSmBpZC1I8kX1SrGoF1bnXq61JWrfw5qmmYNiH3RhTO9EyaCBqLk8NXZGQ2TrkQ5pEmnt2BwAYUKZeKKxSbOOk4B4zmucz98aMAKzrTEnBtBboggb+57cSaUy37Gk6+1jXCRxP+jOEU75enXWZvE6oeRloLcT1fyn09k0CF8kKThrPTSTc6lGz3UvTHyee74XZQPRavvHax73T4U0EdQZXX/P1idSBQiWKBrD5ZQ1POYV{jTayotlnWLMxfEcLkkATJLlHPBHIST7kZWjrTS6jldCRejc7a8Vs/78HXvOly"}]
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }

## bwc for licenses format
- do:
xpack.license.post:
  acknowledge: true
  body: |
  "licenses"["uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"feature":null,"expDateInMl":1914278399999,"maxNodes":1}]

- match: { license_status: "valid" }

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ['"licenses"':["uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"feature":null,"expDateInMl":1914278399999,"maxNodes":1}]

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x
- do:
xpack.license.post:
  acknowledge: true
  body: |
  ['"licenses"':["uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"feature":null,"expDateInMl":1914278399999,"maxNodes":1}]
match: { license_status: "valid" }
do:
xpack.license.get: {}
length: { license: 11 }

multiple licenses version: 1.x
do:
xpack.license.post:
  acknowledge: true
  body: |
    {"licenses":
      [{"uid":"893361dc-9749-4997-93cb-802e3d9a4a8","type":"internal","subscription_type":"none","issue_date_in_millis":1411948800000,"feature":"shield","expiry_date_in_millis":1440827999999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null},
       {"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"internal","subscription_type":"none","issue_date_in_millis":1443484800000,"feature":"watcher","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null}]
    }
}


- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }
- match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }

---

"Should throw 404 after license deletion":

- do:
  xpack.license.delete: {}

- match: { acknowledged: true }

- do:
  xpack.license.get: {}
  catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    {"license": {"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"acknowledged":true}}

- match: { license_status: "valid" }
- do:
  xpack.license.get: {}

- length: { license: 11 }
---

"Cannot start basic":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
    ["license":{"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"basic","issue_date_in_millis":1411948800000,"expiry_date_in_millis":191427899999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null},"body":null
     
     
     "match": { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }
---

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    body: |
     
     
     "match": { error.root_cause.0.reason: 'The license must be provided in the request body' }
---

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:

---
acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

---
"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

---
"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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1.354 libcap 2.22 11.el7

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       src/bdf/README
       src/bdf/rules.mk
       src/pcf/module.mk
       src/pcf/pcf.c src/pcf/pcf.h
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mpi/hppa1.1/udiv-qrnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

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

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- Copy files to and from Containers in a cluster

## Copying Container Files

### Motivation

- Copying files from Containers in a cluster to a local filesystem
- Copying files from a local filesystem to Containers in a cluster

### Install Tar

Copy requires that `tar` be installed in the container image.

### Local to Remote

Copy a local file to a remote Pod in a cluster.

- Local file format is `\ `<path>`\`
- Remote file format is `\ `<pod-name>`:\ `<path>`\`

### Remote to Local

Copy a remote file from a Pod to a local file.

- Local file format is `\ `<path>`\`
- Remote file format is `\ `<pod-name>`:\ `<path>`\`

### Specify the Container
Specify the Container within a Pod running multiple containers.

- `-c <container-name>`

```bash
kubectl cp /tmp/foo <some-pod>:/tmp/bar -c <specific-container>
```
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1.361 python-libs 2.7.5-90.el7

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A. HISTORY OF THE SOFTWARE

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

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

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

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c9f2bb5b6.

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* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

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* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.
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It was downloaded from ftp://ftp.gnutls.org/gcrypt/gnutls/

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Comment: This code is not used on Debian/*, since we have a working
vasprintf() in glibc.

lib/extras/hex.*
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============================================================

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The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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### 1.383 ingest-geoip 6.8.13

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[[get-license]]
This API enables you to retrieve licensing information.

```javascript
// Request

`GET /_xpack/license`
```

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```javascript
// Query Parameters

'local':

(boolean) Specifies whether to retrieve local information. The default value is 'false', which means the information is retrieved from the master node.
```

```javascript
// Authorization

You must have 'monitor' cluster privileges to use this API. For more information, see <<security-privileges>>.
```

```javascript
// Examples

The following example provides information about a trial license:

```javascript
-----------------------------------------------
GET _xpack/license
-----------------------------------------------
// CONSOLE
```
[source,js]

```
{
    "license": {
        "status": "active",
        "uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
        "type": "trial",
        "issue_date": "2018-10-20T22:05:12.332Z",
        "issue_date_in_millis": 1540073112332,
        "expiry_date": "2018-11-19T22:05:12.332Z",
        "expiry_date_in_millis": 1542665112332,
        "max_nodes": 1000,
        "issued_to": "test",
        "issuer": "elasticsearch",
        "start_date_in_millis": -1
    }
}
```

// TESTRESPONSE["cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE["basic"/$body.license.type/]
// TESTRESPONSE["2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
// TESTRESPONSE[1540073112332/$body.license.issue_date_in_millis/]
// TESTRESPONSE["2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]
// TESTRESPONSE[1542665112332/$body.license.expiry_date_in_millis/]
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=== Delete license API

This API enables you to delete licensing information.

[request]

DELETE /_xpack/license
When your license expires, `{xpack}` operates in a degraded mode. For more information, see `{stack-ov}/license-expiration.html[License expiration].`

You must have `manage` cluster privileges to use this API. For more information, see `<<security-privileges>>`.

The following example queries the info API:

```
DELETE _xpack/license
```

When the license is successfully deleted, the API returns the following response:

```
{
  "acknowledged": true
}
```

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Arcata, CA 95521-4884

grady@netcom.com
grady@northcoast.com

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Date: Sat, 08 Jul 2000 20:27:21 +0100
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

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> Wordlist With Frequency Classification" word list as it seems to
> be lacking any copyright notice.

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Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list is also in the public domain?

That is the intention.

The 20 level includes frequency classes 7-15 from Brian's word list.

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Version 3.1, 31 March 2009

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---

The license can be deleted using the `deleteLicense()` method:

```java
[[java-rest-high-delete-license]]
=== Delete License
```

```java
[[java-rest-high-delete-license-execution]]
==== Execution
```

The license can be deleted using the `deleteLicense()` method:
The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```
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The snowball stemmers in
analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
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analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from
http://snowball.tartarus.org/

The KStem stemmer in
analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
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The Arabic,Persian,Romanian,Bulgarian,Hindi and Bengali analyzers (common) come with a default
stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

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This API enables you to update your license.

```plaintext
PUT _xpack/license
```

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```plaintext
`acknowledge`::
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.
```

```plaintext
`licenses`::
(array) A sequence of one or more JSON documents containing the license information.
```

If `{es} {security-features}` are enabled, you need `manage` cluster privileges to install the license.
If \{\text{security-features} \} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See \<<\text{configuring-tls}>>.

[\text{float}]

===== Examples

The following example updates to a basic license:

[source,js]
------------------------------------------------------------
POST _xpack/license
{
  "licenses": [ 
  
   
  "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
  "type":"basic",
  "issue_date_in_millis":1411948800000,
  "expiry_date_in_millis":1914278399999,
  "max_nodes":1,
  "issued_to":"issuedTo",
  "issuer":"issuer",
  "signature":"xx"
  
  ]
}
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]
------------------------------------------------------------
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
------------------------------------------------------------

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]
------------------------------------------------------------
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -
In these examples,

* `\<user>` is a user ID with the appropriate authority.
* `\<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `\<port>` is the http port (defaults to `9200`)
* `\license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]
```
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"
  },
  "watcher": [],
  "logstash": [],
  "security": [
    "The following X-Pack security functionality will be disabled: ..."]
}
```

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source,js]
```
POST _xpack/license?acknowledge=true
{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
```
"type":"basic",
"issue_date_in_millis":1411948800000,
"expiry_date_in_millis":1914278399999,
"max_nodes":1,
"issued_to":"issuedTo",
"issuer":"issuer",
"signature":"xx"
}
]

// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]
-----------------------------------------------
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json"
-d @license.json
-----------------------------------------------

// NOTCONSOLE

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##
* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##
* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source", "java", subs="attributes,callouts,macros"]
--------------------------------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
--------------------------------------------------------------------------

[[java-rest-high-get-license-response]]
==== Response

The returned `GetLicenseResponse` contains the license in the JSON format:

["source", "java", subs="attributes,callouts,macros"]
--------------------------------------------------------------------------
The text of the license.

Asynchronous Execution

This request can be executed asynchronously:

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

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Version 2.0, January 2004
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=== Update License

[[java-rest-high-put-license]]

=== Update License

[[java-rest-high-put-license-execution]]

==== Execution

The license can be added or updated using the `putLicense()` method:

["source","java",subs="attributes,callouts,macros"]
-----------------------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
-----------------------------------------------------------------

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if `{xpack}` is installed but not much else.

<2> A JSON document containing the license information.
The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

This request can be executed asynchronously:

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:
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[role="xpack"]
[[license-settings]]
=== {xpack} License Settings
++++
<titleabbrev>License Settings</titleabbrev>
++++

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see
{stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`:.
Set to `basic` (default) to enable basic {xpack} features. +
+
--
If set to `trial`, the self-generated license gives access only to all the features
of a x-pack for 30 days. You can later downgrade the cluster to a basic license if
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--
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JUnRAR (https://github.com/edmund-wagner/junrar/)

JUnRAR is based on the UnRAR tool, and covered by the same license. It was formerly available from http://java-unrar.svn.sourceforge.net/

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---

teardown:
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ["licenses":
    {"uid":"3aa62ffe-36e1-4fad-bfdc-9dff8301eb22","type":"trial","issue_date_in_millis":1523456691721,"max_nodes":5,"issued_to":"customer","issuer":"elasticsearch","signature":"AAAAAgAAAA0FWh0T9njItjQ2qamMMAAABmC9ZN0hjZDBGYnVynVrpCOW5Bb3FjfZDAxOWp5bTvoMVZwUrzVk1PSmkxakZzdW51THH0nN1MXMvRFk4d3JTZEX3R3RZ0pzU3lobWJKzNqVSeFa0ppTHBkWkprZWwsQ9iNnMqNkxiSltN01DalZCS095MXRGN1I1ZpVcYVITnFeT2zhZmZrdFQrN3JQeGwxb0U0MXZ0dJHJNj1ZTVLH0NbWnp0ZEpZHBEZjUrTVBrRENNSXnSwjJlZaODzdVMeUjNIWktNWGM5TUhQ2plauO4Q1Ouml4MXNuL0POEhQaVB2awmHUKqV9hFteTFeOmiQ0RnJX5G3Mx2K055c28zSmRnVklb2JSQkFLV2VXUmVHNDZ2R3o2VE1k

- match: { license_status: "valid" }
- do:
  xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }

---

"Installing and getting license works":

```
## current license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ["licenses":
    {"uid":"894371dc-94f9-4997-93cb-802e37f7a6a8","type":"trial","issue_date_in_millis":1411948800000,"max_nodes":1,"issued_to":"issuedTo","issuer":"issuer","signature":"AAAAAgAAAA0FWh0T9njItjQ2qamMMAAABmC9ZN0hjZDBGYnVynVrpCOW5Bb3FjfZDAxOWp5bTvoMVZwUrzVk1PSmkxakZzdW51THH0nN1MXMvRFk4d3JTZEX3R3RZ0pzU3lobWJKzNqVSeFa0ppTHBkWkprZWwsQ9iNnMqNkxiSltN01DalZCS095MXRGN1I1ZpVcYVITnFeT2zhZmZrdFQrN3JQeGwxb0U0MXZ0dJHJNj1ZTVLH0NbWnp0ZEpZHBEZjUrTVBrRENNSXnSwjJlZaODzdVMeUjNIWktNWGM5TUhQ2plauO4Q1Ouml4MXNuL0POEhQaVB2awmHUKqV9hFteTFeOmiQ0RnJX5G3Mx2K055c28zSmRnVklb2JSQkFLV2VXUmVHNDZ2R3o2VE1k
    ]

- match: { license_status: "valid" }
- do:
  xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }
```

---
## bwc for licenses format

do:
  xpack.license.post:
    acknowledge: true
    body: |
    "licenses"[:
      {"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "gold", "issue_date_in_millis": 141948800000, "expiration_date_in_millis": 1608025999999, "max_nodes": 1, "issued_to": "issued_to", "issuer": "issuer", "signature": "AAAAAwAAAA2T3vqdBBetQaBxgxpAAABmc92zn0iZDBGYNyVrXppCOW5Bb3fJZDaxOWpStV0MVZwUrzRxv1P5mmxakxzdW5fMlNTHNO1N12MXMvRFl4d3JZTe3X3R3RZ0puz3lObWJKZnQvSEFva0ppTHBHkWkpzWZS9i1NmRQNkw1sL0N0dAlZC9S095MXRNGn11ILPycVVTnFrcTE2dhJZmZrfQ9FpU00UX00DjHSErIzTvlOHNzdSBpWyPzEphZHEBeIrTvBxRENNSXnSWWjZlalOdzVnEzUjR0WtkWNwGM5TUhQ2plaU04J0Uml4MmXnULpSOeHQAfbV2azhmU5q9VzFeTF0m1Q0RnJX5GSMw0K2055c28xzSnRnVf9b2JSQDKLV2UXUmVHDNZ2R3o2VElqVPNQ52b0xH05bUerZINIKWkZSMZIWEtaSU9wTTJENDVvTI1NCYklacUy2KwFW9W9a066dMbmbmZGtQc3FWOTgrZ3ZUcXMyVqkt2RUzwMFJnZLvlL2d2DWRUpUzh6U5pdENGFWFRexeXNKnk9E9PQAABBpGFWyagfLm9ztT80LvcLHjyt1/tv2uSzCQWkDXhrwSy4WraH2uK/kP/Eqi7aEpW5erLslyJ5kLA6OZJDAfdr+rmjOPlU0t+4sfJdMrn7yBMshOCPXWBC6LTE3+pp0GZpyOmswDKZRSReUgTeZc4U5R6z+mdnGrhOMY80o08KVVwhdU/DH1w41MK7ePo6u73Nz499Dgt9fxA0t4ggEBPbnTDDBBQ5AaUYa80aM5eg9DDRayw1kamY5Bwar8P1G+2YjhtUeQhmlCPlxnx9wECJ7/knPs5b31ZoXR3fyXjxcXNnHEIsbLqRMCa3pLxs7II+KPYMa2ZYL/amu4P"]

- match: { license_status: "valid" }

do:
  xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x

do:
  xpack.license.post:
    acknowledge: true
    body: |
    "licenses"[:
      {"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "subscription", "subscription_type": "gold", "issue_date_in_millis": 141948800000, "feature": "shield", "expiration_date_in_millis": 1608025999999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAQAAAA0LVAywwpSH94cyXr4zAABBamC9ZNN0hjZDBGYNyVrXppCOW5Bb3fJZDaxOWpStV0MVZwUrzRxv1P5mmxakxzdW5fMlNTHNO1N12MXMvRFl4d3JZTe3X3R3RZ0puz3lObWJKZnQvSEFva0ppTHBHkWkpzWZS9i1NmRQNkw1sL0N0dAlZC9S095MXRNGn11ILPycVVTnFrcTE2dhJZmZrfQ9FpU00UX00DjHSErIzTvlOHNzdSBpWyPzEphZHEBeIrTvBxRENNSXnSWWjZlalOdzVnEzUjR0WtkWNwGM5TUhQ2plaU04J0Uml4MmXnULpSOeHQAfbV2azhmU5q9VzFeTF0m1Q0RnJX5GSMw0K2055c28xzSnRnVf9b2JSQDKLV2UXUmVHDNZ2R3o2VElqVPNQ52b0xH05bUerZINIKWkZSMZIWEtaSU9wTTJENDVvTI1NCYklacUy2KwFW9W9a066dMbmbmZGtQc3FWOTgrZ3ZUcXMyVqkt2RUzwMFJnZLvlL2d2DWRUpUzh6U5pdENGFWFRexeXNKnk9E9PQAABBpGFWyagfLm9ztT80LvcLHjyt1/tv2uSzCQWkDXhrwSy4WraH2uK/kP/Eqi7aEpW5erLslyJ5kLA6OZJDAfdr+rmjOPlU0t+4sfJdMrn7yBMshOCPXWBC6LTE3+pp0GZpyOmswDKZRSReUgTeZc4U5R6z+mdnGrhOMY80o08KVVwhdU/DH1w41MK7ePo6u73Nz499Dgt9fxA0t4ggEBPbnTDDBBQ5AaUYa80aM5eg9DDRayw1kamY5Bwar8P1G+2YjhtUeQhmlCPlxnx9wECJ7/knPs5b31ZoXR3fyXjxcXNnHEIsbLqRMCa3pLxs7II+KPYMa2ZYL/amu4P"]

- match: { license_status: "valid" }

do:
  xpack.license.get: {}

- length: { license: 11 }
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

```bash
## multiple licenses version: 1.x
- do:
  xpack.license.post:
  acknowledge: true
  body: |
  
  

```
"Should throw 404 after license deletion":  
- do:  
  xpack.license.delete: {}  

- match: { acknowledged: true }  

- do:  
  xpack.license.get: {}  
  catch: missing  

"Should install a feature type license":  

```  
# VERSION_NO_FEATURE_TYPE license version  
- do:  
  xpack.license.post:  
    acknowledge: true  
    body: |
      
      "license": {"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to","issuer","signature":"AAAAAgAAAA3U8+YmnvwC+CWsV/mRAAABmC9ZN0hjZDBGYnVrXpCOW5BbF3jZDAxOWpSbTvOmvZuZvXv1PSmkxaxZdW5IMlhTHNoN1N2MXMvRfR/kd3J7Et3x3RzRZ0pzzU3lobWJKZnQySFPea0ppTHBkjWkprZWZSOQi9NnmRQnkw1SlpL0NDalZC  
S095MXRGNnIIZlpYcVVTinFrTE2dzhZmZrdFQRN3QeGwxb0U0MXZ0dDJHSEaizTVOHnNzSDBywmpoZ  
EpUHZHBEzjUrtVBxRENSXnSwWjJlZaaODdzVmEzUjNiWktnWGWG55THuQV2plaU4Q1JOum4MXNUlu0pS  
OEhQuV2iazhkUm9kVzVHFoMIQ0RnJXSG53MWk2K055c28zSmRnKvFib2JSQkFLV2VXUmVHDZ2R3  
o2VE1qbbVNSQ21xOHN5bUERZINWkZSVmZIWEtsU9wTJENDVvT1NCYklacUYyK2FwRW9xa0t6dldMbm  
MzSQtQc3FWoTgz3ZUkXMcqjKvZUzWMeJNhZdvL2d2bDRUzw6U5gendFQRezNnKnhE9PQAABe8GfzDm6T3737luuJveJb3xK5dvg0K5Nqapv+rczWcQFxgcCzbF8plqafP1aAGZP4urESDQPMIOCsx4d0UqqAm  
971GhBQ3I9P3+PogInPfeEH9NvoMaAQov xhrNMvX9IS6DsDq1X4cXSO+bgWpXPtd2LmpoQc1d6DB2Z8HuyYp  
VHVkp9hVU0tYJy6HzYOF7+zutOlJY0xtgLq66AnlKtvHwrn+flyn3t7iDTgDsDrafzW3iBhaqiXehEqbekvH  
dPHQdsS99XGaEvHo1paK001/35iZF6OXHsFFCj+558GRXivxuzoe7TsGSt87yJzv9bRCyU7oB4B/nidgI"}  
```

- match: { license_status: "valid" }  

- do:  
  xpack.license.get: {}  

- length: { license: 11 }  

"Cannot start basic":  

- do:  
  catch: bad_request
Open Source Used In CloudCenter Suite Admin 5.3.0

---

```yaml
xpack.license.post:
  acknowledge: true
  body: |
    
    
    "license": {"uid": "893361dc-9749-4997-93b-802e3d7fa4a8", "type": "basic", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0lKPZ0a7aZquUltho/AAABmC9ZN0hjjZDBGYnYrxRXpCOW5Bb3FjZDAXOWpSBtV0oMvZwUrzRvxVk1PSmxakxZdW51MhiHTHNoN1N2XMvRFk4d3JTZEzX3R3RRZ0pzU3lobWJKzQvSFva0ppTHBkWkprZWSQq91MmRQNkw1SlpLN0DalZCS095MXRGN11IZlpYeZVTfTncET2dzhJZmZrdQrN3JQeGwxbO0UMXZ0dJHSEriZTVLOhNzSBdWBywpoZEpZHBEZjJyTVByxRENSXNsWWjZllaoDzdVemZuUjNiWktNWGM5TUQV2plauo4Q1JOUml4MXNuL0pSOehQaYB2azhmUk9QVzhFeTFoMIQ0RnJXSG53MWk2K055c28zSmRnVkJf1b2JSQkVL2VXumVHNDZz2R3o2VE1qbeVNQ2xHOHN5bUErZINIKWZkZSvmZlWEtaSU9WttJENDvTv1NcykIacUyyK2FwR9xax06dIdMbmbMzSGHq3FWoTgzZ3UcXMvQkt2RUZwMFJnZzlvL2d2dBRWUz6UG5pdENGWFReXNKNejPFAQAAQAALuQ44S3I6G6zolcXVJ6Z4CIxorDyqy+wdLCcey0XdijTslAOj+k+vNg06wauc7Uswi01esHu4lb5lgpvKy7RRCbh5bj/z2ubnq2qMJqopp9BQy7VQjVfsmG6seUMJwJ1a5Avm9r41YSPcerii3bKKe1e6jK6N8ibCvty/Y/dvK1C5RlhkKpAeHf8aaJbqKYa3kuER3EWJ7zLv1bNdNg8aXRN7YrkQcYwWgptYQpfV+dY7E4j5muAEoel" }

- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }
  
---

"Should fail gracefully when body content is not provided":

- do:
  - catch: bad_request
    xpack.license.post:
      acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }
  
---

"Current license is trial means not eligle to start trial":

- do:
  - xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }
  
- do:
    xpack.license.post_start_basic:
      acknowledge: true

- match: { basic_was_started: true }
  
- do:
    xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }
  
---

```
do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

match: { trial_was_started: false }
match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":
do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":
do:
  xpack.license.get_basic_status: {}

match: { eligible_to_start_basic: true }
do:
  xpack.license.post_start_basic:
    acknowledge: true

match: { basic_was_started: true }
match: { acknowledged: true }

match: { basic_was_started: false }
match: { acknowledged: false }
match: { error_message: "Operation failed: Needs acknowledgement." }

"Must acknowledge to start basic":
do:
  xpack.license.post_start_basic: {}

match: { basic_was_started: false }
match: { acknowledged: true }
match: { error_message: "Operation failed: Current license is basic." }

"Must acknowledge to start basic":
do:
  xpack.license.post_start_basic: {}

match: { basic_was_started: false }
match: { acknowledged: false }
match: { error_message: "Operation failed: Needs acknowledgement." }
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Protocol Buffers for Go with Gadgets

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

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https://github.com/golang/protobuf

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1.392 gpgv 2.1.18-8~deb9u3

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1.395 wamerican 2018.04.16 1
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This package was debianized by David Coe <davide@debian.org> on Sun, 15 Jun 2003.

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It was downloaded from:
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1.398 ncurses-base 6.1-7.20180224.el8

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-- $Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp $
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This package is used for testing builds of ncurses.

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1.399 lvm2 2.02.187-6.el7_9.5
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1.404 libxcb-present0 1.13.1-2

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1.407 krb5-conf 1.0-r2

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lib/libgss/g_verify.c
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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
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lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
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* DNS resolver (dirmngr/dns.c)

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1.416 ca-certificates 20191127-r5

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1.417 ssl-client 1.32.1-r7

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Julian Seward, Cambridge, UK.
jseward@bzip.org
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program `Gnomovision' (a program to direct compilers to make passes
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<signature of Ty Coon>, 1 April 1989
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^L

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ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
svn://gcc.gnu.org/svn/gcc/ (for prereleases)
http://bitbucket.org/goshawk/gdc (for D)

The current gcc-4.8 source package is taken from the SVN gcc-4_8-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-4.8</td>
<td>libgnat-4.8</td>
<td>gnat-4.8-doc</td>
</tr>
<tr>
<td>C</td>
<td>gcc-4.8</td>
<td>gcc-4.8-doc</td>
<td></td>
</tr>
<tr>
<td>C++</td>
<td>g++-4.8</td>
<td>libstdc++6</td>
<td>libstdc++6-4.8-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-4.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-4.8</td>
<td>libgfortran3</td>
<td>gfortran-4.8-doc</td>
</tr>
<tr>
<td>Go</td>
<td>gccgo-4.8</td>
<td>libg0</td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>gcj-4.8</td>
<td>libgcj10</td>
<td>libgcj-doc</td>
</tr>
<tr>
<td>Objective C</td>
<td>gobjc-4.8</td>
<td>libobjc2</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>gobjc++-4.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Sources</th>
<th>Development</th>
<th>Debugging</th>
<th>Position-Independent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C++</td>
<td>libstdc++6-4.8-dbg</td>
<td>libstdc++6-4.8-pic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
D   libphobos-4.8-dev
Java  libgcj10-src libgcj10-dev libgcj10-dbg

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4   GCC intrinsics (platform-dependent)
gcc-4.8-base                Base files common to all compilers
gcc-4.8-soft-float          Software floating point (ARM only)
gcc-4.8-source              The sources with patches

Ada:
libgnatvsn-dev, libgnatvsn4.8  GNAT version library
libgnatprj-dev, libgnatprj4.8  GNAT Project Manager library

C:
cpp-4.8, cpp-4.8-doc         GNU C Preprocessor
libmudflap0-dev, libmudflap0  Library for instrumenting pointers
libssp0-dev, libssp0         GCC stack smashing protection library
libquadmath0                 Math routines for the __float128 type
fixincludes                  Fix non-ANSI header files
protoize                     Create/remove ANSI prototypes from C code

Java:
gij                           The Java bytecode interpreter and VM
libgcj-common                 Common files for the Java run-time
libgcj10-awt                   The Abstract Windowing Toolkit
libgcj10-jar                   Java ARChive for the Java run-time

C, C++, and Fortran 95:
libgomp1-dev, libgomp1GCC OpenMP (GOMP) support library
libitm1-dev, libitm1GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgnat
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D:
gdc-4.8                         GNU D Compiler
libphobos-4.8-dev               D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
- d/dmd/*

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Version 3.1, 31 March 2009

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

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More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@grouchocse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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*m4/ax_func_which_gethostbyname_r.m4

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

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1.428 kmod 25-13.el8

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1.431 stax-api 1.0.1

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 * This interface declares a simple filter interface that one can
 * create to filter XMLStreamReaders
 * @version 1.0
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Found in path(s):
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/**
 * Provides information on the location of an event.
 * 
 * All the information provided by a Location is optional. For example
 * an application may only report line numbers.
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 * An interface for handling Entity Declarations
 * 
 * This interface is used to record and report unparsed entity declarations.
 * 
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 */
** Defines an abstract implementation of a factory for
getting XMLEventWriters and XMLStreamWriters.

* The following table defines the standard properties of this specification.
* Each property varies in the level of support required by each implementation.
* The level of support required is described in the 'Required' column.

<table>
<thead>
<tr>
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<th>Behavior</th>
<th>Return type</th>
<th>Default Value</th>
<th>Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>javax.xml.stream.isRepairingNamespaces</td>
<td>defaults prefixes on the output side</td>
<td>Boolean</td>
<td>False</td>
<td>Yes</td>
</tr>
</tbody>
</table>

The following paragraphs describe the namespace and prefix repair algorithm:

The property can be set with the following code line:

```
<code>setProperty("javax.xml.stream.isRepairingNamespaces",new Boolean(true|false));</code>
```

This property specifies that the writer default namespace prefix declarations.
The default value is false.

If a writer isRepairingNamespaces it will create a namespace declaration
on the current StartElement for
any attribute that does not
currently have a namespace declaration in scope. If the StartElement
has a uri but no prefix specified a prefix will be assigned, if the prefix
has not been declared in a parent of the current StartElement it will be declared.
* on the current StartElement. If the defaultNamespace is bound and in scope
* and the default namespace matches the URI of the attribute or StartElement
* QName no prefix will be assigned.</p>
*
* <p>If an element or attribute name has a prefix, but is not
* bound to any namespace URI, then the prefix will be removed
* during serialization.</p>
*
* <p>If element and/or attribute names in the same start or
* empty-element tag are bound to different namespace URIs and
* are using the same prefix then the element or the first
* occurring attribute retains the original prefix and the
* following attributes have their prefixes replaced with a
* new prefix that is bound to the namespace URIs of those
* attributes. </p>
*
* <p>If an element or attribute name uses a prefix that is
* bound to a different URI than that inherited from the
* namespace context of the parent of that element and there
* is no namespace declaration in the context of the current
* element then such a namespace declaration is added. </p>
*
* <p>If an element or attribute name is bound to a prefix and
* there is a namespace declaration that binds that prefix
* to a different URI then that namespace declaration is
* either removed if the correct mapping is inherited from
* the parent context of that element, or changed to the
* namespace URI of the element or attribute using that prefix.</p>
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
* @see XMLInputFactory
* @see XMLEventWriter
* @see XMLStreamWriter
*/

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
jar/src/javax/xml/stream/XMLOutputFactory.java
No license file was found, but licenses were detected in source scan.

/**
* This interface is used to resolve resources during an XML parse. If an application wishes to
* perform custom entity resolution it must register an instance of this interface with
* the XMLInputFactory using the setXMLResolver method.
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
* Receive notification of a notation declaration event.
* It is up to the application to record the notation for later reference,
* At least one of publicId and systemId must be non-null.
* There is no guarantee that the notation declaration
* will be reported before any unparsed entities that use it.
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
*
/**
* This describes the interface to Characters events.
* All text events get reported as Characters events.
* Content, CData and whitespace are all reported as
* Characters events. IgnorableWhitespace, in most cases,
* will be set to false unless an element declaration of element
* content is present for the current element.
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
*/

/**
* The XMLStreamReader interface allows forward, read-only access to XML.
* It is designed to be the lowest level and most efficient way to
* read XML data.
*
* <p> The XMLStreamReader is designed to iterate over XML using
* next() and hasNext(). The data can be accessed using methods such as getEventType(),
* getNamespaceURI(), getLocalName() and getText();
* 
* <p> The <a href="#next()">next()</a> method causes the reader to read the next parse event.
* The next() method returns an integer which identifies the type of event just read.
* <p> The event type can be determined using <a href="#getEventType()">getEventType()</a>.
* <p> Parsing events are defined as the XML Declaration, a DTD,
* start tag, character data, white space, end tag, comment,
* or processing instruction. An attribute or namespace event may be encountered

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/events/NotationDeclaration.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/events/Characters.java
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/events/Characters.java
No license file was found, but licenses were detected in source scan.
* at the root level of a document as the result of a query operation.

* <p>For XML 1.0 compliance an XML processor must pass the
* identifiers of declared unparsed entities, notation declarations and their
* associated identifiers to the application. This information is
* provided through the property API on this interface.
* The following two properties allow access to this information:
* javax.xml.stream.notations and javax.xml.stream.entities.
* When the current event is a DTD the following call will return a
* list of Notations
* <code>List l = (List) getProperty("javax.xml.stream.notations");</code>
* The following call will return a list of entity declarations:
* <code>List l = (List) getProperty("javax.xml.stream.entities");</code>
* These properties can only be accessed during a DTD event and
* are defined to return null if the information is not available.
* 
* <p>The following table describes which methods are valid in what state.
* If a method is called in an invalid state the method will throw a
* java.lang.IllegalArgumentException.
* 
* <table border="2" rules="all" cellpadding="4">
*   <thead>
*     <tr>
*       <th align="center" colspan="2">
*         Valid methods for each state
*       </th>
*     </tr>
*   </thead>
*   <tbody>
*     <tr>
*       <th>Event Type</th>
*       <th>Valid Methods</th>
*     </tr>
*     <tr>
*       <td> All States </td>
*       <td> getProperty(), hasNext(), require(), close(),
*            getNamespaceURI(), isStartElement(),
*            isEndElement(), isCharacters(), isWhiteSpace(),
*            getNamespaceContext(), getEventType(),getLocation(),
*            hasText(), hasName()
*       </td>
*     </tr>
*     <tr>
*       <td> START_ELEMENT </td>
*       <td> next(), getName(), getLocalName(), hasName(), getPrefix(),
*            getAttributeXXX(), isAttributeSpecified(),
*            getNamespaceXXX(),
*            getStartElementText(), nextTag()
*       </td>
*     </tr>
*   </tbody>
* </table>
<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTRIBUTE</td>
<td>next(), nextTag(), getAttributeXXX(), isAttributeSpecified()</td>
</tr>
<tr>
<td>NAMESPACE</td>
<td>next(), nextTag(), getNamespaceXXX()</td>
</tr>
<tr>
<td>END_ELEMENT</td>
<td>next(), getName(), getLocalName(), hasName(), getPrefix(), getNamespaceXXX(), nextTag()</td>
</tr>
<tr>
<td>CHARACTERS</td>
<td>next(), getTextXXX(), nextTag()</td>
</tr>
<tr>
<td>CDATA</td>
<td>next(), getTextXXX(), nextTag()</td>
</tr>
<tr>
<td>COMMENT</td>
<td>next(), getTextXXX(), nextTag()</td>
</tr>
<tr>
<td>SPACE</td>
<td>next(), getTextXXX(), nextTag()</td>
</tr>
<tr>
<td>START_DOCUMENT</td>
<td>next(), getEncoding(), getVersion(), isStandalone(), standaloneSet(), getCharacterEncodingScheme(), nextTag()</td>
</tr>
<tr>
<td>END_DOCUMENT</td>
<td>close()</td>
</tr>
<tr>
<td>PROCESSING_INSTRUCTION</td>
<td>next(), getPITarget(), getPIData(), nextTag()</td>
</tr>
<tr>
<td>ENTITY_REFERENCE</td>
<td>next(), getLocalName(), getText(), nextTag()</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>DTD</td>
<td>next(), getText(), nextTag()</td>
</tr>
</tbody>
</table>

@version 1.0
@author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
@see javax.xml.stream.events.XMLEvent
@see XMLInputFactory
@see XMLStreamWriter
*/

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/javax/xml/stream/XMLStreamReader.java
No license file was found, but licenses were detected in source scan.

/**
 * This interface declares a simple filter interface that one can
 * create to filter XMLEventReaders
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/javax/xml/stream/EventFilter.java
No license file was found, but licenses were detected in source scan.

/**
 * This interface defines a utility class for creating instances of
 * XMLEvents
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 * @see javax.xml.stream.events.StartElement
 * @see javax.xml.stream.events.EndElement
 * @see javax.xml.stream.events.ProcessingInstruction
 * @see javax.xml.stream.events.Comment
 * @see javax.xml.stream.events.Characters
 * @see javax.xml.stream.events.StartDocument
 * @see javax.xml.stream.events.EndDocument
 * @see javax.xml.stream.events.DTD
 */
Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/XMLEventFactory.java
No license file was found, but licenses were detected in source scan.

/**
 * An interface for the end element event. An EndElement is reported
 * for each End Tag in the document.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 * @see XMLEvent
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/events/EndElement.java
No license file was found, but licenses were detected in source scan.

/**
 * The StartElement interface provides access to information about
 * start elements. A StartElement is reported for each Start Tag
 * in the document.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/events/StartElement.java
No license file was found, but licenses were detected in source scan.

/**
 * This interface defines an event consumer interface. The contract of the
 * of a consumer is to accept the event. This interface can be used to
 * mark an object as able to receive events. Add may be called several
 * times in immediate succession so a consumer must be able to cache
 * events it hasn't processed yet.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/util/XMLEventConsumer.java
No license file was found, but licenses were detected in source scan.

/**
 * Defines an abstract implementation of a factory for getting streams.
 *
 * The following table defines the standard properties of this specification.
 * Each property varies in the level of support required by each implementation.
 * The level of support required is described in the 'Required' column.
 *
 * <table border="2" rules="all" cellpadding="4">
 * <thead>
 *   <tr align="center" colspan="5">
 *     Configuration parameters
 *   </tr>
 * </thead>
 * <tbody>
 * <tr>
 *   <th>Property Name</th>
 *   <th>Behavior</th>
 *   <th>Return type</th>
 *   <th>Default Value</th>
 *   <th>Required</th>
 * </tr>
 * <tr><td>javax.xml.stream.isValidating</td><td>Turns on/off implementation specific DTD validation</td><td>Boolean</td><td>False</td><td>No</td></tr>
 * <tr><td>javax.xml.stream.isNamespaceAware</td><td>Turns on/off namespace processing for XML 1.0 support</td><td>Boolean</td><td>True</td><td>True (required) / False (optional)</td></tr>
 * <tr><td>javax.xml.stream.isCoalescing</td><td>Requires the processor to coalesce adjacent character data</td><td>Boolean</td><td>False</td><td>Yes</td></tr>
 * <tr><td>javax.xml.stream.isReplacingEntityReferences</td><td>replace internal entity references with their replacement text and report them as characters</td><td>Boolean</td><td>True</td><td>Yes</td></tr>
 * <tr><td>javax.xml.stream.isSupportingExternalEntities</td><td>Resolve external parsed entities</td><td>Boolean</td><td>Unspecified</td><td>Yes</td></tr>
 * <tr><td>javax.xml.stream.supportDTD</td><td>Use this property to request processors that do not support DTDs</td><td>Boolean</td><td>True</td><td>Yes</td></tr>
 * <tr><td>javax.xml.stream.reporter</td><td>sets/get the impl of the XMLReporter</td><td>javax.xml.stream.XMLReporter</td><td>Null</td><td>Yes</td></tr>
 * <tr><td>javax.xml.streamresolver</td><td>sets/get the impl of the XMLResolver interface</td><td>javax.xml.stream.XMLResolver</td><td>Null</td><td>Yes</td></tr>
 * <tr><td>javax.xml.stream.allocators</td><td>sets/get the impl of the XMLEventAllocator interface</td><td>javax.xml.stream.util.XMLEventAllocator</td><td>Null</td><td>Yes</td></tr>
 * </tbody>
 * </table>
 *
 * @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
* @see XMLOutputFactory
* @see XMLStreamReader
* @see EventFilter
* @see XMLReporter
* @see XMLResolver
* @see javax.xml.stream.util.XMLEventAllocator
*/

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/javax/xml/stream/XMLInputFactory.java
No license file was found, but licenses were detected in source scan.

/**
 * This interface defines a class that allows a user to register
 * a way to allocate events given an XMLStreamReader. An implementation
 * is not required to use the XMLEventFactory implementation but this
 * is recommended. The XMLEventAllocator can be set on an XMLInputFactory
 * using the property "javax.xml.stream.allocator"
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 * @see javax.xml.stream.XMLInputFactory
 * @see javax.xml.stream.XMLEventFactory
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/javax/xml/stream/util/XMLEventAllocator.java
No license file was found, but licenses were detected in source scan.

/**
 * An error class for reporting factory configuration errors.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/javax/xml/stream/FactoryConfigurationException.java
No license file was found, but licenses were detected in source scan.

/**
 * This is the base class for deriving an XMLEventReader
 * filter.

* This class is designed to sit between an XMLEventReader and an
* application's XMLEventReader. By default each method
* does nothing but call the corresponding method on the
* parent interface.
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
* @see javax.xml.stream.XMLEventReader
* @see StreamReaderDelegate
*/

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/util/EventReaderDelegate.java
No license file was found, but licenses were detected in source scan.

/**
* An interface that contains information about an attribute. Attributes are reported
* as a set of events accessible from a StartElement. Other applications may report
* Attributes as first-order events, for example as the results of an XPath expression.
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
* @see StartElement
*/

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/events/Attribute.java
No license file was found, but licenses were detected in source scan.

/**
* This interface is used to report non-fatal errors.
* Only warnings should be echoed through this interface.
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
*/

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/XMLReporter.java
No license file was found, but licenses were detected in source scan.

/**
* An interface that describes the data found in processing instructions
* @version 1.0
*/
/**
 * An interface for comment events
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
jar/src/java/xml/stream/events/Comment.java
No license file was found, but licenses were detected in source scan.

/**
 * The XMLStreamWriter interface specifies how to write XML. The XMLStreamWriter does
 * not perform well formedness checking on its input. However
 * the writeCharacters method is required to escape &amp;, &lt; and &gt;
 * For attribute values the writeAttribute method will escape the
 * above characters plus &quot; to ensure that all character content
 * and attribute values are well formed.
 * Each NAMESPACE
 * and ATTRIBUTE must be individually written.
 *
 * If javax.xml.stream.isPrefixDefaulting is set to false it is a fatal error if an element
 * is written with namespace URI that has not been bound to a prefix.
 *
 * If javax.xml.stream.isPrefixDefaulting is set to true the XMLStreamWriter implementation
 * must write a prefix for each unbound URI that it encounters in the
 * current scope.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 * @see XMLOutputFactory
 * @see XMLStreamReader
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
jar/src/java/xml/stream/XMLStreamWriter.java
No license file was found, but licenses were detected in source scan.
No license file was found, but licenses were detected in source scan.

/**
 * A marker interface for the end of the document
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/events/EndDocument.java
No license file was found, but licenses were detected in source scan.

/**
 * This is the top level interface for events dealing with DTDs
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/events/DTD.java
No license file was found, but licenses were detected in source scan.

/**
 * An interface for the start document event
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/events/StartDocument.java
No license file was found, but licenses were detected in source scan.

/**
 * The base exception for unexpected processing errors. This Exception
 * class is used to report well-formedness errors as well as unexpected
 * processing conditions.
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-jar/src/java/xml/stream/XMLStreamException.java
No license file was found, but licenses were detected in source scan.

/**
 * This is the top level interface for writing XML documents.
 *
 * Instances of this interface are not required to validate the
 * form of the XML.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 * @see XMLEventReader
 * @see javax.xml.stream.events.XMLEvent
 * @see javax.xml.stream.events.Characters
 * @see javax.xml.stream.events.ProcessingInstruction
 * @see javax.xml.stream.events.StartElement
 * @see javax.xml.stream.events.EndElement
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/XMLEventWriter.java
No license file was found, but licenses were detected in source scan.

/**
 * This is the base class for deriving an XMLStreamReader filter
 *
 * This class is designed to sit between an XMLStreamReader and an
 * application's XMLStreamReader. By default each method
 * does nothing but call the corresponding method on the
 * parent interface.
 *
 * @version 1.0
 * @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
 * @see javax.xml.stream.XMLStreamReader
 * @see EventReaderDelegate
 */

Found in path(s):
* /opt/cola/permits/1108541311_1610401659.79/0/stax-api-1-0-2-sources-
  jar/src/javax/xml/stream/util/StreamReaderDelegate.java
No license file was found, but licenses were detected in source scan.

/**
 * This is the top level interface for parsing XML Events. It provides
 * the ability to peek at the next event and returns configuration
 * information through the property interface.
Found in path(s):
*/
* An interface for handling Entity events.
*
* This event reports entities that have not been resolved
* and reports their replacement text unprocessed (if
* available). This event will be reported if javax.xml.stream.isReplacingEntityReferences
* is set to false. If javax.xml.stream.isReplacingEntityReferences is set to true
* entity references will be resolved transparently.
*
* Entities are handled in two possible ways:
* *
* (1) If javax.xml.stream.isReplacingEntityReferences is set to true
* all entity references are resolved and reported as markup transparently.
* (2) If javax.xml.stream.isReplacingEntityReferences is set to false
* Entity references are reported as an EntityReference Event.
*
* @version 1.0
* @author Copyright (c) 2003 by BEA Systems. All Rights Reserved.
*/

Found in path(s):
*/

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1.433 tuned 2.11.0-11.el7_9

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1.434 gdb 8.2.1-2

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.
This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.
This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

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

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

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

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

That's all there is to it!

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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

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

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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

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

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

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

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

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

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

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

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

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along with this program.  If not, see <http://www.gnu.org/licenses/>. */

#ifndef AMD64_BSD_NAT_H
#define AMD64_BSD_NAT_H

#include "x86-bsd-nat.h"

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

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

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

   void store_registers (struct regcache *regcache, int regnum) override
   void store_registers (struct regcache *regcache, int regnum) override
   { amd64bsd_store_inferior_registers (regcache, regnum); }
   { amd64bsd_store_inferior_registers (regcache, regnum); }
};
BEGIN[
    FS="\\n";
    print "/\n
    It is created automatically by copying.awk.
    Modify copying.awk instead. <= != */;
    print ""
    print "#include \"defs.h\"
    print "#include \"command.h\"
    print "#include \"gdbcmd.h\"
    print ""
    print "static void show_copying_command (const char *, int);"
    print ""
    print "static void show_warranty_command (const char *, int);"
    print ""
    print "static void";
    print "show_copying_command (const char *ignore, int from_tty);"
    print "]";
}

if ($0 ~ /^\[ \t\]*15\. Disclaimer of Warranty\[ ]*$/["
    printf "\n\n
    printf_filtered (\"\n\n
    for (i = 1; i < NF; i++)
    printf "%s\n", $i;
    printf ("%s\n\n", NF;)
}

END OF TERMS AND CONDITIONS$/{
    printf "\n\n
    printf_filtered (\"
        for (i = 1; i < NF; i++)
        printf ("%s\n", $i;
    printf ("%s\n\n", $NF;)
}

END OF TERMS AND CONDITIONS$/{
print "};
print ";
print "void"
print "_initialize_copying (void)";
print "{";
print "  add_cmd ("copying", no_set_class, show_copying_command,"
print "    _("Conditions for redistributing copies of GDB."),";
print "    &showlist);";
print "  add_cmd ("warranty", no_set_class, show_warranty_command,";
print "    _("Various kinds of warranty you do not have."),";
print "    &showlist);";
print "{";
print "  /* For old-timers, allow "info copying", etc. */";
print "  add_info ("copying", show_copying_command,"
print "    _("Conditions for redistributing copies of GDB."));";
print "  add_info ("warranty", show_warranty_command,";
print "    _("Various kinds of warranty you do not have."));";
print "}";
}
/* BSD Kernel Data Access Library (libkvm) interface.

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#define _KMEMUSER
#include "defs.h"
#include "cli/cli-cmds.h"
#include "command.h"
#include "frame.h"
#include "regcache.h"
#include "target.h"
#include "value.h"
#include "gdbcore.h" /* for get_exec_file */
#include "gdbthread.h"

#include <fcntl.h>
#include <kvm.h>
#ifdef HAVE_NLIST_H
#include <nlist.h>
#endif
#include <paths.h>
#include "readline/readline.h"
#include <sys/param.h>
#ifdef HAVE_SYS_USER_H
#include <sys/user.h>
#endif
#include "bsd-kvm.h"

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

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

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

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

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

/* The libkvm target. */

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

class bsd_kvm_target final : public target_ops 
{
public:
bsd_kvm_target()
{ this->to_stratum = process_stratum; }

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

void close() override;

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

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

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

};

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

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

target_preopen(from_tty);

if (arg)
{
char *temp;

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

}
filename = temp;
}
}

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

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

target_fetch_registers (get_current_regcache (), -1);

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

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

    inferior_ptid = null_ptid;
discard_all_inferiors ();
}

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

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

enum target_xfer_status
bsd_kvm_target::xfer_partial (enum target_object object,
                             const char *annex, gdb_byte *readbuf,
                             const gdb_byte *writebuf,
                             ULONGEST offset, ULONGEST len, ULONGEST *xfered_len)
{
  switch (object)
  {
    case TARGET_OBJECT_MEMORY:
    {
      LONGEST ret = bsd_kvm_xfer_memory (offset, len, readbuf, writebuf);
      if (ret < 0)
        return TARGET_XFER_E_IO;
      else if (ret == 0)
        return TARGET_XFER_EOF;
      else
        {
          *xfered_len = (ULONGEST) ret;
          return TARGET_XFER_OK;
        }
    }
    default:
    return TARGET_XFER_E_IO;
  }
}

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

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

static int
bsd_kvm_fetch_pcb (struct regcache *regcache, struct pcb *paddr)
{
  struct pcb pcb;
if (kvm_read (core_kd, (unsigned long) paddr, &pcb, sizeof pcb) == -1)
    error (("%s"), kvm_geterr (core_kd));

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

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

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

    /* On dumping core, BSD kernels store the faulting context (PCB)
     * in the variable "dumppcb". */
    memset (nl, 0, sizeof nl);
    nl[0].n_name = ".dumppcb";

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

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

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

    memset (nl, 0, sizeof nl);
    nl[0].n_name = ".proc0paddr";

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

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

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

    bsd_kvm_fetch_pcb (regcache, paddr);
    return;
}

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

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

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

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

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

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

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

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

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

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

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

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

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

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

    target_fetch_registers (get_current_regcache (), -1);
    reinit_frame_cache ();
    print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}
#endif

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

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

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

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

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

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

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

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

    add_target (bsd_kvm_target_info, bsd_kvm_target_open);

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

#ifndef HAVE_STRUCT_THREAD_TD_PCB
    add_cmd ("proc", class_obscure, bsd_kvm_proc_cmd, _("Set current context from proc address"), &bsd_kvm_cmdlist);
#endif
    add_cmd ("pcb", class_obscure, bsd_kvm_pcb_cmd, _("Set current context from pcb address"), &bsd_kvm_cmdlist);

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

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

    If kvm is made to export running processes as gdb threads,
    the following form can be used:
ptid (1, 1, 0) -> kvm inferior 1, in kernel
ptid (1, 1, 1) -> kvm inferior 1, process 1
ptid (1, 1, 2) -> kvm inferior 1, process 2
ptid (1, 1, n) -> kvm inferior 1, process n */

bsd_kvm_ptid = ptid_t (1, 1, 0);
} /* Native-dependent code for x86 BSD's.

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#ifndef X86_BSD_NAT_H
#define X86_BSD_NAT_H

#include "x86-nat.h"

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

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

template<typename BaseTarget>
class x86bsd_nat_target : public x86_nat_target<BaseTarget>
{
    using base_class = x86_nat_target<BaseTarget>;

public:
    #ifdef HAVE_PT_GETDBREGS
    void mourn_inferior () override
    {
        x86_cleanup_dregs ();
        base_class::mourn_inferior ();
    }
    #endif /* HAVE_PT_GETDBREGS */
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along with this program.  If not, see <http://www.gnu.org/licenses/>. */

#ifndef I386_BSD_NAT_H
#define I386_BSD_NAT_H
/* Helper functions. See definitions. */
extern void i386bsd_fetch_inferior_registers (struct regcache *regcache,
    int regnum);
extern void i386bsd_store_inferior_registers (struct regcache *regcache,
    int regnum);

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

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

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

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

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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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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      table, the facility still operates, and performs whatever part of
      its purpose remains meaningful.

      (For example, a function in a library to compute square roots has
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application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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

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

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This library is distributed in the hope that it will be useful,
This script updates the list of years in the copyright notices in most files maintained by the GDB project.

Usage: cd src/gdb && python copyright.py
Always review the output of this script before committing it!
A useful command to review the output is:

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

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

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

def get_update_list():
    """Return the list of files to update.

    Assumes that the current working directory when called is the root
    of the GDB source tree (NOT the gdb/ subdirectory!). The names of
    the files are relative to that root directory.
    """
    result = []
    for gdb_dir in (‘gdb’, ‘sim’, ‘include/gdb’):
        for root, dirs, files in os.walk(gdb_dir, topdown=True):
            for dirname in dirs:
                reldirname = "%s/%s" % (root, dirname)
                if (dirname in EXCLUDE_ALL_LIST
                    or reldirname in EXCLUDE_LIST
                    or reldirname in NOT_FSF_LIST
                    or reldirname in BY_HAND):
                    # Prune this directory from our search list.
                    dirs.remove(dirname)
                else:
                    result.append(reldirname)

            for filename in files:
                relpath = "%s/%s" % (root, filename)
                if (filename in EXCLUDE_ALL_LIST
                    or relpath in EXCLUDE_LIST
                    or relpath in NOT_FSF_LIST
                    or relpath in BY_HAND):
                    # Ignore this file.
                    pass
                else:
                    result.append(relpath)

    return result

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

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

os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'

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

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

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

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

def may_have_copyright_notice(filename):
    """Check that the given file does not seem to have a copyright notice.

    The filename is relative to the root directory.
    This function assumes that the current working directory is that root
directory.

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

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

fd = open(filename)

lineno = 1
for line in fd:
    if 'Copyright' in line:
        return True
    lineno += 1
    if lineno > 50:
        return False
return False

def main():
    """The main subprogram.""
    if not os.path.isfile("gnulib/import/extra/update-copyright"):  
        print "Error: This script must be called from the gdb directory.
" 
    root_dir = os.path.dirname(os.getcwd())
    os.chdir(root_dir)

    update_list = get_update_list()
    update_files (update_list)

    # Remind the user that some files need to be updated by HAND...
    if MULTIPLE_COPYRIGHT_HEADERS:
        print
        print("\033[31m"
              "REMINDEr: Multiple copyright headers must be updated by hand:");
        "\033[0m")
        for filename in MULTIPLE_COPYRIGHT_HEADERS:
            print " ", filename

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

#
# Some constants, placed at the end because they take up a lot of room.
# The actual value of these constants is not significant to the understanding
# of the script.
#
# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Filenames are relative to the root directory.
EXCLUDE_LIST = (
    'gdb/nat/glibc_thread_db.h',
    'gdb/CONTRIBUTE',
    'gdb/gnulib/import'
)
#
# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
# Matches any file or directory name anywhere. Use with caution.
# This is mostly for files that can be found in multiple directories.
# Eg: We want all files named COPYING to be left untouched.
EXCLUDE_ALL_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying-c",
    "fdl.texi", "gpl.texi", "aclocal.m4",
)
#
# The list of files to update by hand.
BY_HAND = (
    # Nothing at the moment :-).
)
#
# Files containing multiple copyright headers. This script is only
# fixing the first one it finds, so we need to finish the update
# by hand.
MULTIPLE_COPYRIGHT_HEADERS = (
    "gdb/doc/gdb.texinfo",
    "gdb/doc/refcard.tex",
    "gdb/gdbarch.sh",
)
#
# The list of file which have a copyright, but not head by the FSF.
# Filenames are relative to the root directory.
NOT_FSF_LIST = ("gdb/exc_request.defs",

"gdb/gdbtk",
"gdb/testsuite/gdb-gdbtk/",
"sim/arm/armemu.h", "sim/arm/armos.c", "sim/arm/gdbhost.c",
"sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",
"sim/arm/armos.h", "sim/arm/armcopro.c", "sim/arm/armemu.c",
"sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armdefs.h",
"sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",
"sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",
"sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
"sim/arm/communicate.c", "sim/arm/gdbhost.h", "sim/arm/armfpe.h",
"sim/arm/arminit.c",
"sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h",
"sim/common/cgen-accfp.c",
"sim/mips/m16runc.c", "sim/mips/sim-main.c",
"sim/moxie/moxie-gdb.dts",
# Not a single file in sim/ppc/ appears to be copyright FSF :-(.
"sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/lz-insn.h",
"sim/ppc/hw_sem.c", "sim/ppc/hw_disk.c", "sim/ppc/idecode_branch.h",
"sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw_core.c",
"sim/ppc/gen-support.c", "sim/ppc/gen-semantics.h", "sim/ppc/cpu.h",
"sim/ppc/sim_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in",
"sim/ppc/emul_chirp.c", "sim/ppc/hw_nvram.c", "sim/ppc/dc-test.01",
"sim/ppc/hw_phb.c", "sim/ppc/hw_eeprom.c", "sim/ppc/bits.h",
"sim/ppc/hw_vm.c", "sim/ppc/cap.h", "sim/ppc/os_emul.h",
"sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c",
"sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/lz-decode.h",
"sim/ppc/filter_filename.h", "sim/ppc/hw_shm.c",
"sim/ppc/pk_disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h",
"sim/ppc/device_table.h", "sim/ppc/lz-insn.c", "sim/ppc/inline.c",
"sim/ppc/emul_bugapi.h", "sim/ppc/hw_cpu.h", "sim/ppc/debug.h",
"sim/ppc/hw_ide.c", "sim/ppc/debug.c", "sim/ppc/gen-itable.h",
"sim/ppc/interrupts.c", "sim/ppc/hw_glue.c", "sim/ppc/emul_unix.c",
"sim/ppc/sim_calls.c", "sim/ppc/dc-complex", "sim/ppc/lz-cache.c",
"sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c",
"sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h",
"sim/ppc/emul_chirp.h", "sim/ppc/hw_register.c", "sim/ppc/hw_init.c",
"sim/ppc/sim-endian-n.h", "sim/ppc/filter_filename.c",
"sim/ppc/bits.c", "sim/ppc/idecode_fields.h", "sim/ppc/hw_memory.c",
"sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h",
"sim/ppc/hw_trace.c", "sim/ppc/emul_netbsd.h", "sim/ppc/psim.c",
"sim/ppc/ppc-instructions", "sim/ppc/tree.h", "sim/ppc/README",
"sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/lz-cache.h",
"sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c",
"sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw_cpu.c",
"sim/ppc/corefile.c", "sim/ppc/hw_epic.c", "sim/ppc/gen-icache.c",
"sim/ppc/events.h", "sim/ppc/os_emul.c", "sim/ppc/emul_generic.c",
"sim/ppc/main.c", "sim/ppc/hw_com.c", "sim/ppc/gen-semantics.c",
"sim/ppc/emul_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul_generic.h"}
if __name__ == '__main__':
    main()

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

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

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

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

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

Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.  
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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

Apache

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

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

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Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.438 fontconfig-config 2.13.1 2

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#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

------------------------------------------------------------------------
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<one line to give the program's name and a brief idea of what it does.>
1.441 libmount 2.23.2-65.el7_9.1

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/*
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 *
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 * SUCH DAMAGE.
 */

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

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

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Version 2, June 1991

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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001
Open Source Used In CloudCenter Suite Admin 5.3.0 7480

Device Boot  Start   End    Blocks   Id  System
-------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot  Start   End    Blocks   Id  System
-------------
__ts_dev__1  2048   4095   1024   83  Linux
-------------
Create 2st primary partition
1bebf87248e05d6e4e626749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbe bsd.img

---layout-------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot  Start   End    Blocks   Id  System
-------------
__ts_dev__1  2048   4095   1024   83  Linux
__ts_dev__2  4096   20479  8192  a5  FreeBSD
-------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout-------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

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

BSD disklabel command (m for help):
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<th>[fsize bsize cpg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>4096</td>
<td>6144</td>
<td>2049</td>
<td>4.2BSD</td>
<td>0 0 0</td>
</tr>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>unused</td>
<td>0 0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>unused</td>
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</tr>
</tbody>
</table>

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Be careful before using the write command.

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<th>[fsize bsize cpg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>unused</td>
<td>5</td>
<td>4.1BSD</td>
<td>9</td>
<td>4.4LFS d boot</td>
</tr>
<tr>
<td>1</td>
<td>swap</td>
<td>6</td>
<td>Eighth Edition</td>
<td>a unknown</td>
<td>e ADOS</td>
</tr>
<tr>
<td>2</td>
<td>Version 6</td>
<td>7</td>
<td>4.2BSD</td>
<td>b HPFS f HFS</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Version 7</td>
<td>8</td>
<td>MS-DOS</td>
<td>c ISO-9660 10 AdvFS</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>System V</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

BSD disklabel command (m for help):
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procset Adobe_CoolType_Utility_MAKEOCF 1.23 0
procset Adobe_CoolType_Utility_T42 1.0 0
procset Adobe_AGM_Image 1.0 0

Found in path(s):
* %BeginResource
No license file was found, but licenses were detected in source scan.

# 2012 May 21
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
##
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
# NB: Portions of this file are extracted from open-source projects
# covered by permissive licenses. Use of this file for testing is clearly
# allowed. However, do not incorporate the text of this one file into
# end-products without checking the licenses on the open-source projects
# from which this code was extracted. This warning applies to this one
# file only - not the bulk of the SQLite source code and tests.
#
#******************************************************************************
#
# This file contains large and complex schemas obtained from open-source
# software projects. The schemas are parsed just to make sure that nothing
# breaks in the parser logic.
#
# These tests merely verify that the parse occurs without error.
# No attempt is made to verify correct operation of the resulting schema
# and statements.
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# Schema and query extracted from Skrooge.org.
#
do_test fuzz-oss1-skrooge {
    db eval {
        CREATE TABLE parameters (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_uuid_parent TEXT NOT NULL DEFAULT '', t_name TEXT NOT NULL, t_value TEXT NOT NULL DEFAULT '', b_blob BLOB, d_lastmodifdate DATE NOT NULL DEFAULT CURRENT_TIMESTAMP, i_tmp INTEGER NOT NULL DEFAULT 0);
        CREATE TABLE doctransaction (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT NULL, t_mode VARCHAR(1) DEFAULT 'U' CHECK (t_mode IN ('U', 'R')), d_date DATE NOT NULL, t_savestep VARCHAR(1) DEFAULT 'N' CHECK (t_savestep IN ('Y', 'N')), i_parent INTEGER, t_refreshviews VARCHAR(1) DEFAULT 'Y' CHECK (t_refreshviews IN ('Y', 'N')));
        CREATE TABLE unit (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT NULL DEFAULT '', t_symbol TEXT NOT NULL DEFAULT '', t_country TEXT NOT NULL DEFAULT '', t_type VARCHAR(1) NOT NULL DEFAULT 'C' CHECK (t_type IN ('1', '2', 'C', 'S', 'I', 'O')), t_internet_code TEXT NOT NULL DEFAULT '', i_nbdecimal INT NOT NULL DEFAULT 2, rd_unit_id INTEGER NOT NULL DEFAULT 0, t_source TEXT NOT NULL DEFAULT '');
        CREATE TABLE bank (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT NULL DEFAULT '', t_bank_number TEXT NOT NULL DEFAULT '', t_icon TEXT NOT NULL DEFAULT '');
        CREATE TABLE interest (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, rd_account_id INTEGER NOT NULL, d_date DATE NOT NULL, f_rate FLOAT NOT NULL CHECK (f_rate>=0), t_income_value_date_mode VARCHAR(1) NOT NULL DEFAULT 'F' CHECK (t_income_value_date_mode IN ('F', '0', '1', '2', '3', '4', '5')), t_expenditure_value_date_mode VARCHAR(1) NOT NULL DEFAULT 'F' CHECK (t_expenditure_value_date_mode IN ('F', '0', '1', '2', '3', '4', '5')), t_base VARCHAR(3) NOT NULL DEFAULT '24' CHECK (t_base IN ('24', '360', '365')));
        CREATE TABLE unitvalue (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, rd_unit_id INTEGER NOT NULL, d_date DATE NOT NULL, f_quantity FLOAT NOT NULL CHECK (f_quantity>=0));
        CREATE TABLE operation (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, i_group_id INTEGER NOT NULL DEFAULT 0, i_number INTEGER DEFAULT 0 CHECK (i_number>=0), d_date DATE NOT NULL, r_payee_id INTEGER NOT NULL DEFAULT 0, t_comment TEXT NOT NULL DEFAULT '', rc_unit_id INTEGER NOT NULL, t_status VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_status IN ('N', 'P', 'Y')), i_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (i_bookmarked IN ('Y', 'N')), i_imported VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (i_imported IN ('Y', 'N', 'P', 'T')), t_template VARCHAR(1)
    };
CREATE TABLE operationbalance(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,f_balance FLOAT NOT NULL DEFAULT 0.0,r_operation_id INTEGER NOT NULL);
CREATE TABLE refund (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '',t_comment TEXT NOT NULL DEFAULT '',t_close VARCHAR(1) DEFAULT 'N' CHECK (t_close IN ('Y', 'N')));
CREATE TABLE payee (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '',t_address TEXT NOT NULL DEFAULT '', t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')));
CREATE TABLE suboperation(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_comment TEXT NOT NULL DEFAULT '',rd_operation_id INTEGER NOT NULL,r_category_id INTEGER NOT NULL DEFAULT 0,f_value FLOAT NOT NULL DEFAULT 0.0,i_tmp INTEGER NOT NULL DEFAULT 0,r_refund_id INTEGER NOT NULL DEFAULT 0, t_formula TEXT NOT NULL DEFAULT '');
CREATE TABLE rule (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_description TEXT NOT NULL DEFAULT '',t_definition TEXT NOT NULL DEFAULT '',t_action_description TEXT NOT NULL DEFAULT '',t_action_definition TEXT NOT NULL DEFAULT '',t_action_type VARCHAR(1) DEFAULT 'S' CHECK (t_action_type IN ('S', 'U', 'A')),t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')),f_sortorder FLOAT);
CREATE TABLE budget (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rc_category_id INTEGER NOT NULL DEFAULT 0,t_including_subcategories TEXT NOT NULL DEFAULT 'N' CHECK (t_including_subcategories IN ('Y', 'N')),f_budgeted FLOAT NOT NULL DEFAULT 0.0,f_budgeted_modified FLOAT NOT NULL DEFAULT 0.0,f_transferred FLOAT NOT NULL DEFAULT 0.0,i_year INTEGER NOT NULL DEFAULT 2010,i_month INTEGER NOT NULL DEFAULT 0 CHECK (i_month>=0 AND i_month<=12));
CREATE TABLE budgetcategory(id INTEGER NOT NULL DEFAULT 0,id_category INTEGER NOT NULL DEFAULT 0);
CREATE TABLE budgetrule (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rc_category_id INTEGER NOT NULL DEFAULT 0,t_category_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_category_condition IN ('Y', 'N')),t_year_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_year_condition IN ('Y', 'N')),i_year INTEGER NOT NULL DEFAULT 2010,i_month INTEGER NOT NULL DEFAULT 0 CHECK (i_month>=0 AND i_month<=12),t_month_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_month_condition IN ('Y', 'N')),i_condition INTEGER NOT NULL DEFAULT 0 CHECK (i_condition IN (-1,0,1)),f_quantity FLOAT NOT NULL DEFAULT 0.0,t_absolute TEXT NOT NULL DEFAULT 'Y' CHECK (t_absolute IN ('Y', 'N')),rc_category_id_target INTEGER NOT NULL DEFAULT 0,t_category_target TEXT NOT NULL DEFAULT 'Y' CHECK (t_category_target IN ('Y', 'N')),t_rule TEXT NOT NULL DEFAULT 'N' CHECK (t_rule IN ('N', 'C', 'Y')));
CREATE TABLE "recurrentoperation" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,d_date DATE NOT NULL DEFAULT '0000-00-00',rd_operation_id INTEGER NOT NULL,i_period_increment INTEGER NOT NULL DEFAULT 1 CHECK (i_period_increment>=0),t_period_unit TEXT NOT NULL DEFAULT 'M' CHECK (t_period_unit IN ('D', 'W', 'M', 'Y')),t_auto_write VARCHAR(1) DEFAULT 'Y' CHECK (t_auto_write IN ('Y', 'N')),i_auto_write_days INTEGER NOT NULL DEFAULT 5 CHECK (i_auto_write_days>=0),t_warn VARCHAR(1) DEFAULT 'Y' CHECK (t_warn IN ('Y', 'N')),i_warn_days INTEGER NOT NULL DEFAULT 5 CHECK (i_warn_days>=0),t_times INTEGER NOT NULL DEFAULT 1 CHECK (i_nb_times>=0));
CREATE TABLE "category" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,d_date DATE NOT NULL DEFAULT '0000-00-00',rd_operation_id INTEGER NOT NULL,i_period_increment INTEGER NOT NULL DEFAULT 1 CHECK (i_period_increment>=0),t_period_unit TEXT NOT NULL DEFAULT 'M' CHECK (t_period_unit IN ('D', 'W', 'M', 'Y')),t_auto_write VARCHAR(1) DEFAULT 'Y' CHECK (t_auto_write IN ('Y', 'N')),i_auto_write_days INTEGER NOT NULL DEFAULT 5 CHECK (i_auto_write_days>=0),t_warn VARCHAR(1) DEFAULT 'Y' CHECK (t_warn IN ('Y', 'N')),i_warn_days INTEGER NOT NULL DEFAULT 5 CHECK (i_warn_days>=0),t_times INTEGER NOT NULL DEFAULT 1 CHECK (i_nb_times>=0));
CREATE TABLE "account"(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL,t_number TEXT NOT NULL DEFAULT '',t_agency_number TEXT NOT NULL DEFAULT '',t_agency_address TEXT NOT NULL DEFAULT '',t_comment TEXT NOT NULL DEFAULT '',t_close VARCHAR(1) DEFAULT 'N' CHECK (t_close IN ('Y', 'N')),t_type VARCHAR(1) NOT NULL DEFAULT 'C' CHECK (t_type IN ('C', 'D', 'A', 'I', 'L', 'W', 'O')),t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')),rd_bank_id INTEGER NOT NULL);
CREATE TABLE "node" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '' CHECK (t_name NOT LIKE '% > %'),t_fullname TEXT,t_icon TEXT DEFAULT '',f_sortorder FLOAT,t_autostart VARCHAR(1) DEFAULT 'N' CHECK (t_autostart IN ('Y', 'N')),t_data TEXT,rd_node_id INT CONSTRAINT fk_id REFERENCES node(id) ON DELETE CASCADE);
CREATE TABLE vm_category_display_tmp(id INT, t_name TEXT, t_fullname TEXT, rd_category_id INT, t_bookmarked TEXT, i_NBOPERATIONS, f_REALCURRENTAMOUNT);
CREATE TABLE vm_budget_tmp(id INT, rc_category_id INT, t_including_subcategories TEXT, f_budgeted REAL, f_budgeted_modified REAL, f_transferred REAL, i_year INT, i_month INT, tCATEGORY, t_PERIOD, f_CURRENTAMOUNT, t_RULES);
CREATE INDEX idx_doctransaction_parent ON doctransaction (i_parent);
CREATE INDEX idx_doctransactionitem_i_object_id ON doctransactionitem (i_object_id);
CREATE INDEX idx_doctransactionitem_t_object_table ON doctransactionitem (t_object_table);
CREATE INDEX idx_doctransactionitem_t_action ON doctransactionitem (t_action);
CREATE INDEX idx_doctransactionitem_rd_doctransaction_id ON doctransactionitem (rd_doctransaction_id);
CREATE INDEX idx_doctransactionitem_optimization ON doctransactionitem (rd_doctransaction_id, i_object_id, t_object_table, t_action, id);
CREATE INDEX idx_unit_unit_id ON unitvalue(rd_unit_id);
CREATE INDEX idx_account_bank_id ON account(rd_bank_id);
CREATE INDEX idx_account_type ON account(t_type);
CREATE INDEX idx_category_category_id ON category(rd_category_id);
CREATE INDEX idx_category_t_fullname ON category(t_fullname);
CREATE INDEX idx_operation_account_id ON operation (rd_account_id);
CREATE INDEX idx_operation_grouped_operation_id ON operation (i_group_id);
CREATE INDEX idx_operation_i_number ON operation (i_number);
CREATE INDEX idx_operation_i_tmp ON operation (i_tmp);
CREATE INDEX idx_operation_rd_account_id ON operation (rd_account_id);
CREATE INDEX idx_operation_rc_unit_id ON operation (rc_unit_id);
CREATE INDEX idx_operation_t_status ON operation (t_status);
CREATE INDEX idx_operation_t_import_id ON operation (t_import_id);
CREATE INDEX idx_operation_t_template ON operation (t_template);
CREATE INDEX idx_operation_d_date ON operation (d_date);
CREATE INDEX idx_operationbalance_operation_id ON operationbalance (r_operation_id);
CREATE INDEX idx_suboperation_operation_id ON suboperation (rd_operation_id);
CREATE INDEX idx_suboperation_i_tmp ON suboperation (i_tmp);
CREATE INDEX idx_suboperation_category_id ON suboperation (r_category_id);
CREATE INDEX idx_suboperation_refund_id_id ON suboperation (r_refund_id);
CREATE INDEX idx_recurrentoperation_rd_operation_id ON recurrentoperation (rd_operation_id);
CREATE INDEX idx_refund_close ON refund (t_close);
CREATE INDEX idx_interest_account_id ON interest (rd_account_id);
CREATE INDEX idx_rule_action_type ON rule (t_action_type);
CREATE INDEX idx_budget_category_id ON budget (rc_category_id);
CREATE INDEX idx_budgetcategory_id ON budgetcategory (id);
CREATE INDEX idx_budgetcategory_id_category ON budgetcategory (id_category);
CREATE UNIQUE INDEX uidx_parameters_uuid_parent_name ON parameters (t_uuid_parent, t_name);
CREATE UNIQUE INDEX uidx_node_parent_id_name ON node (t_name, rd_node_id);
CREATE UNIQUE INDEX uidx_node_fullname ON node (t_fullname);
CREATE UNIQUE INDEX uidx_unit_name ON unit (t_name);
CREATE UNIQUE INDEX uidx_unit_symbol ON unit (t_symbol);
CREATE UNIQUE INDEX uidx_unitvalue ON unitvalue (d_date, rd_unit_id);
CREATE UNIQUE INDEX uidx_bank_name ON bank (t_name);
CREATE UNIQUE INDEX uidx_account_name ON account (t_name);
CREATE UNIQUE INDEX uidx_category_parent_id_name ON category (t_name, rd_category_id);
CREATE UNIQUE INDEX uidx_category_fullname ON category (t_fullname);
CREATE UNIQUE INDEX uidx_refund_name ON refund (t_name);
CREATE UNIQUE INDEX uidx_payee_name ON payee (t_name);
CREATE UNIQUE INDEX uidx_interest ON interest (d_date, rd_account_id);
CREATE UNIQUE INDEX uidx_budget ON budget (i_year, i_month, rc_category_id);
CREATE VIEW v_node AS SELECT * FROM node;
CREATE VIEW v_node_displayname AS SELECT *, t_fullname AS t_displayname FROM node;
CREATE VIEW v_parameters_displayname AS SELECT *, t_name AS t_displayname FROM parameters;
CREATE TRIGGER fkdc_parameters_parameters_uuid BEFORE DELETE ON parameters FOR EACH ROW
BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'parameters'; END;
CREATE TRIGGER fkdc_node_parameters_uuid BEFORE DELETE ON node FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'node'; END;
CREATE TRIGGER cpt_node_fullname1 AFTER INSERT ON node BEGIN UPDATE node
SET t_fullname=CASE WHEN new.rd_node_id IS NULL OR new.rd_node_id='' OR new.rd_node_id=0
THEN new.t_name ELSE (SELECT c.t_fullname FROM node c WHERE c.id=new.rd_node_id)|| ' '||'new.t_name END
WHERE id=new.id;END;
CREATE TRIGGER cpt_node_fullname2 AFTER UPDATE OF t_name, rd_node_id ON node BEGIN UPDATE
node SET t_fullname=CASE WHEN new.rd_node_id IS NULL OR new.rd_node_id='' OR new.rd_node_id=0
THEN new.t_name ELSE (SELECT c.t_fullname FROM node c WHERE c.id=new.rd_node_id)|| ' '||'new.t_name END
WHERE id=new.id;END;
WHERE id=new.id;UPDATE node SET t_name=t_name WHERE rd_node_id=new.id;END;
CREATE TRIGGER fki_account_bank_rd_bank_id_id BEFORE INSERT ON account FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (bank est utilisé par account) Nom de la contrainte: fki_account_bank_rd_bank_id_id') WHERE NEW.rd_bank_id!=0 AND NEW.rd_bank_id!='' AND (SELECT id FROM bank WHERE id = NEW.rd_bank_id) IS NULL; END;
CREATE TRIGGER fku_account_bank_rd_bank_id_id BEFORE UPDATE ON account FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de modifier un objet (bank est utilisé par account) Nom de la contrainte: fku_account_bank_rd_bank_id_id') WHERE NEW.rd_bank_id!=0 AND NEW.rd_bank_id!='' AND (SELECT id FROM bank WHERE id = NEW.rd_bank_id) IS NULL; END;
CREATE TRIGGER fkdc_bank_account_id_rd_bank_id BEFORE DELETE ON bank FOR EACH ROW BEGIN
    DELETE FROM account WHERE account.rd_bank_id = OLD.id; END;
CREATE TRIGGER fki_budget_category_rc_category_id_id BEFORE INSERT ON budget FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilisé par budget) Nom de la contrainte: fki_budget_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL; END;
CREATE TRIGGER fku_budget_category_rc_category_id_id BEFORE UPDATE ON budget FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budget) Nom de la contrainte: fku_budget_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL; END;
CREATE TRIGGER fkd_budget_category_rc_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de dtruire un objet (category est utilisé par budget) Nom de la contrainte: fkd_budget_category_rc_category_id_id') WHERE (SELECT rc_category_id FROM budget WHERE rc_category_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_budgetrule_category_rc_category_id_id BEFORE INSERT ON budgetrule FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilisé par budgetrule) Nom de la contrainte: fki_budgetrule_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL; END;
CREATE TRIGGER fku_budgetrule_category_rc_category_id_id BEFORE UPDATE ON budgetrule FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budgetrule) Nom de la contrainte: fku_budgetrule_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL; END;
CREATE TRIGGER fkd_budgetrule_category_rc_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de dtruire un objet (category est utilisé par budgetrule) Nom de la contrainte: fkd_budgetrule_category_rc_category_id_id') WHERE (SELECT rc_category_id FROM budgetrule WHERE rc_category_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_budgetrule_category_rc_category_id_target_id BEFORE INSERT ON budgetrule FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilisé par budgetrule) Nom de la contrainte: fki_budgetrule_category_rc_category_id_target_id') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fku_budgetrule_category_rc_category_id_target_id BEFORE UPDATE ON budgetrule FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budgetrule) Nom de la contrainte: fku_budgetrule_category_rc_category_id_target_id') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fkd_budgetrule_category_rc_category_id_target_id BEFORE DELETE ON category FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de dtruire un objet (category est utilisé par budgetrule) Nom de la contrainte: fkd_budgetrule_category_rc_category_id_target_id') WHERE (SELECT rc_category_id FROM budgetrule WHERE rc_category_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_budgetrule_category_rc_category_id_target_id BEFORE INSERT ON budgetrule FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilisé par budgetrule) Nom de la contrainte: fki_budgetrule_category_rc_category_id_target_id') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fku_budgetrule_category_rc_category_id_target_id BEFORE UPDATE ON budgetrule FOR EACH ROW BEGIN
    SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budgetrule) Nom de la contrainte: fku_budgetrule_category_rc_category_id_target_id') WHERE NEW.rc_category_id_target!=0 AND NEW rc_category_id_target!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par interest)
Nom de la contrainte: fku_interest_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!='' AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fkdc_account_interest_id_rd_account_id_id BEFORE DELETE ON account FOR EACH ROW BEGIN DELETE FROM interest WHERE interest.rd_account_id = OLD.id; END;
CREATE TRIGGER fki_node_node_rd_node_id_id BEFORE INSERT ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d'ajouter un objet (node est utilisé par node)
Nom de la contrainte: fki_node_node_rd_node_id_id') WHERE NEW.rd_node_id!=0 AND NEW.rd_node_id!='' AND (SELECT id FROM node WHERE id = NEW.rd_node_id) IS NULL; END;
CREATE TRIGGER fku_node_node_rd_node_id_id BEFORE UPDATE ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (node est utilisé par node)
Nom de la contrainte: fku_node_node_rd_node_id_id') WHERE NEW.rd_node_id!=0 AND NEW.rd_node_id!='' AND (SELECT id FROM node WHERE id = NEW.rd_node_id) IS NULL; END;
CREATE TRIGGER fkdc_node_node_id_rd_node_id BEFORE DELETE ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de destroy un objet (node est utilisé par node)
Nom de la contrainte: fkd_node_node_id_rd_node_id') WHERE (SELECT node.rd_node_id FROM node WHERE node.rd_node_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_operation_account_rd_account_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d'ajouter un objet (account est utilisé par operation)
Nom de la contrainte: fki_operation_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!='' AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fku_operation_account_rd_account_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par operation)
Nom de la contrainte: fku_operation_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!='' AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fkdc_account_operation_id_rd_account_id BEFORE DELETE ON account FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de destroy un objet (account est utilisé par operation)
Nom de la contrainte: fkd_account_operation_id_rd_account_id') WHERE (SELECT account.rd_account_id FROM account WHERE account.rd_account_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_operation_payee_r_payee_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d'ajouter un objet (payee est utilisé par operation)
Nom de la contrainte: fki_operation_payee_r_payee_id_id') WHERE NEW.r_payee_id!=0 AND NEW.r_payee_id!='' AND (SELECT id FROM payee WHERE id = NEW.r_payee_id) IS NULL; END;
CREATE TRIGGER fku_operation_payee_r_payee_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (payee est utilisé par operation)
Nom de la contrainte: fku_operation_payee_r_payee_id_id') WHERE NEW.r_payee_id!=0 AND NEW.r_payee_id!='' AND (SELECT id FROM payee WHERE id = NEW.r_payee_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_payee_r_payee_id_id BEFORE DELETE ON payee FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de destroy un objet (payee est utilisé par operation)
Nom de la contrainte: fkd_operation_payee_r_payee_id_id') WHERE (SELECT rc_unit_id FROM operation WHERE rc_unit_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_operation_unit_rc_unit_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d'ajouter un objet (unit est utilisé par operation)
Nom de la contrainte: fki_operation_unit_rc_unit_id_id') WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fku_operation_unit_rc_unit_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilisé par operation)
Nom de la contrainte: fku_operation_unit_rc_unit_id_id') WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_unit_rc_unit_id_id BEFORE DELETE ON unit FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de destroy un objet (unit est utilisé par operation)
Nom de la contrainte: fkd_operation_unit_rc_unit_id_id') WHERE (SELECT rc_unit_id FROM operation WHERE rc_unit_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d'ajouter un objet (recurrentoperation est utilisé par recurrentoperation)
Nom de la contrainte: fki_operation_recurrentoperation_r_recurrentoperation_id_id') WHERE NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id!='' AND (SELECT id FROM recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;
CREATE TRIGGER fku_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE UPDATE ON recurrentoperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (recurrentoperation est utilisé par recurrentoperation)
Nom de la contrainte: fku_operation_recurrentoperation_r_recurrentoperation_id_id') WHERE NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id!='' AND (SELECT id FROM recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;
CREATE TRIGGER fkdc_recurrentoperation_r_recurrentoperation_id_id BEFORE DELETE ON recurrentoperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de destroy un objet (recurrentoperation est utilisé par recurrentoperation)
Nom de la contrainte: fkd_recurrentoperation_r_recurrentoperation_id_id') WHERE (SELECT recurrentoperation.r_recurrentoperation_id FROM recurrentoperation WHERE recurrentoperation.r_recurrentoperation_id = OLD.id) IS NOT NULL; END;
operation FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d”ajouter un objet (recurrentoperation est utilis par operation)') END;

CREATE TRIGGER fki_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE INSERT ON recurrentoperation FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d”ajouter un objet (recurrerentoperation est utilis par operation)') WHERE NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id!="" AND (SELECT id FROM recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;

CREATE TRIGGER fku_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (recurrentoperation est utilis par operation)') END;

CREATE TRIGGER fkd_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE DELETE ON recurrentoperation FOR EACH ROW BEGIN UPDATE operation SET r_recurrentoperation_id=0 WHERE r_recurrentoperation_id=OLD.id; END;

CREATE TRIGGER fki_operationbalance_operation_r_operation_id_id BEFORE INSERT ON operationbalance FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d”ajouter un objet (operation est utilis par operationbalance)') WHERE NEW.r_operation_id!=0 AND NEW.r_operation_id!="" AND (SELECT id FROM operation WHERE id = NEW.r_operation_id) IS NULL; END;

CREATE TRIGGER fku_operationbalance_operation_r_operation_id_id BEFORE UPDATE ON operationbalance FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilis par operationbalance)') END;

CREATE TRIGGER fkd_operationbalance_operation_r_operation_id_id BEFORE DELETE ON operation FOR EACH ROW BEGIN UPDATE operationbalance SET r_operation_id=0 WHERE r_operation_id=OLD.id; END;

CREATE TRIGGER fki_recurrentoperation_operation_rd_operation_id_id BEFORE INSERT ON recurrentoperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d”ajouter un objet (operation est utilis par recurrentoperation)') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!="" AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;

CREATE TRIGGER fku_recurrentoperation_operation_rd_operation_id_id BEFORE UPDATE ON recurrentoperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilis par recurrentoperation)') END;

CREATE TRIGGER fkdc_operation_recurrentoperation_id_rd_operation_id BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM recurrentoperation WHERE recurrentoperation.rd_operation_id = OLD.id; END;

CREATE TRIGGER fki_suboperation_operation_rd_operation_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d”ajouter un objet (operation est utilis par suboperation)') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!="" AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;
CREATE TRIGGER fku_suboperation_operation_rd_operation_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilisé par subopération)') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!='' AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;

CREATE TRIGGER fkdc_operation_suboperation_id_rd_operation_id BEFORE DELETE ON operation FOR EACH ROW BEGIN    DELETE FROM suboperation WHERE suboperation.rd_operation_id = OLD.id; END;

CREATE TRIGGER fki_suboperation_category_r_category_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilisé par subopération)') WHERE NEW.r_category_id!=0 AND NEW.r_category_id!='' AND (SELECT id FROM category WHERE id = NEW.r_category_id) IS NULL; END;

CREATE TRIGGER fku_suboperation_category_r_category_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par subopération)') WHERE NEW.r_category_id!=0 AND NEW.r_category_id!='' AND (SELECT id FROM category WHERE id = NEW.r_category_id) IS NULL; END;

CREATE TRIGGER fkd_suboperation_category_r_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN    UPDATE suboperation SET r_category_id=0 WHERE r_category_id=OLD.id; END;

CREATE TRIGGER fki_suboperation_refund_r_refund_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (refund est utilisé par subopération)') WHERE NEW.r_refund_id!=0 AND NEW.r_refund_id!='' AND (SELECT id FROM refund WHERE id = NEW.r_refund_id) IS NULL; END;

CREATE TRIGGER fku_suboperation_refund_r_refund_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible de modifier un objet (refund est utilisé par subopération)') WHERE NEW.r_refund_id!=0 AND NEW.r_refund_id!='' AND (SELECT id FROM refund WHERE id = NEW.r_refund_id) IS NULL; END;

CREATE TRIGGER fkd_suboperation_refund_r_refund_id_id BEFORE DELETE ON refund FOR EACH ROW BEGIN    UPDATE suboperation SET r_refund_id=0 WHERE r_refund_id=OLD.id; END;

CREATE TRIGGER fki_unit_unit_rd_unit_id_id BEFORE INSERT ON unit FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilisé par unit)') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fku_unit_unit_rd_unit_id_id BEFORE UPDATE ON unit FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilisé par unit)') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fkdc_unit_unit_id_rd_unit_id BEFORE DELETE ON unit FOR EACH ROW BEGIN    DELETE FROM unit WHERE unit.rd_unit_id = OLD.id; END;

CREATE TRIGGER fki_unitvalue_unit_rd_unit_id_id BEFORE INSERT ON unitvalue FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilisé par unitvalue)') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fku_unitvalue_unit_rd_unit_id_id BEFORE UPDATE ON unitvalue FOR EACH ROW BEGIN    SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilisé par unitvalue)') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;
CREATE TRIGGER fkdc_unit_unitvalue_id_rd_unit_id BEFORE DELETE ON unit FOR EACH ROW BEGIN DELETE FROM unitvalue WHERE unitvalue.rd_unit_id = OLD.id; END;
CREATE TRIGGER fkdc_vm_budget_tmp_category_rc_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de dtruire un objet (category est utilis par vm_budget_tmp)
Nom de la contrainte: fkdc_vm_budget_tmp_category_rc_category_id_id') WHERE (SELECT rc_category_id FROM vm_budget_tmp WHERE rc_category_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fkdc_category_vm_category_display_tmp_id_rd_category_id BEFORE DELETE ON category FOR EACH ROW BEGIN DELETE FROM vm_category_display_tmp WHERE vm_category_display_tmp.rd_category_id = OLD.id; END;
CREATE VIEW v_unit_displayname AS SELECT *, t_name||' ('||t_symbol||')' AS t_displayname FROM unit;
CREATE VIEW v_unit_tmp1 AS SELECT *,(SELECT count(*) FROM unitvalue s WHERE s.rd_unit_id=unit.id) AS i_NBVALUES, (CASE WHEN unit.rd_unit_id=0 THEN "" ELSE (SELECT CASE WHEN s.t_symbol="" THEN s.t_symbol ELSE s.t_name END) FROM unit s WHERE s.id=unit.rd_unit_id) END AS t_UNIT,(CASE unit.t_type WHEN '1' THEN 'Monnaie principale' WHEN '2' THEN 'Monnaie secondaire' WHEN 'C' THEN 'Monnaie' WHEN 'S' THEN 'Action' WHEN 'I' THEN 'Indice' ELSE 'Objet' END) AS t_TYPENLS, (SELECT MIN(s.d_date) FROM  unitvalue s WHERE s.rd_unit_id=unit.id) AS d_MINDATE, (SELECT MAX(s.d_date) FROM  unitvalue s WHERE s.rd_unit_id=unit.id) AS d_MAXDATE from unit;
CREATE VIEW v_unit_tmp2 AS SELECT *,CASE WHEN v_unit_tmp1.t_type='1' THEN 1 ELSE IFNULL((SELECT s.f_quantity FROM unitvalue s WHERE s.rd_unit_id=v_unit_tmp1.id AND s.d_date=v_unit_tmp1.d_MAXDATE),1) END AS f_LASTVALUE from v_unit_tmp1;
CREATE VIEW v_unit AS SELECT *,v_unit_tmp2.f_LASTVALUE*IFNULL((SELECT s2.f_LASTVALUE FROM v_unit_tmp2 s2 WHERE s2.id=v_unit_tmp2.rd_unit_id) , 1) AS f_CURRENTAMOUNT from v_unit_tmp2;
CREATE VIEW v_unitvalue_displayname AS SELECT *, (SELECT t_displayname FROM v_unit_displayname WHERE unitvalue.rd_unit_id=v_unit_displayname.id)||' '||STRFTIME('%d/%m/%Y',d_date) AS t_displayname FROM unitvalue;
CREATE VIEW v_unitvalue AS SELECT * FROM unitvalue;
CREATE VIEW v_suboperation AS SELECT * FROM suboperation;
CREATE VIEW v_operation_numbers AS SELECT DISTINCT i_number, rd_account_id FROM operation;
CREATE VIEW v_operation_next_numbers AS SELECT T1.i_number+1 AS i_number FROM v_operation_numbers AS T1 LEFT OUTER JOIN v_operation_numbers T2 ON T2.rd_account_id=T1.rd_account_id AND T2.i_number=T1.i_number+1 WHERE T1.i_number!=0 AND (T2.i_number IS NULL) ORDER BY T1.i_number;
CREATE VIEW v_operation_tmp1 AS SELECT *,(SELECT s.id FROM suboperation s WHERE s.rd_operation_id=v_operation_tmp1.id AND ABS(s.f_value)=(SELECT MAX(ABS(s2.f_value)) FROM suboperation s2 WHERE s2.rd_operation_id=v_operation_tmp1.id)) AS i_MOSTIMPSUBOP,((SELECT s.f_CURRENTAMOUNT FROM v_unit s WHERE s.id=v_operation_tmp1.rc_unit_id)*v_operation_tmp1.f_QUANTITY) AS f_CURRENTAMOUNT, (CASE WHEN v_operation_tmp1.i_group_id<>0 AND EXISTS (SELECT 1 FROM account a WHERE v_operation_tmp1.rd_account_id=a.id AND a.t_type<>''L'') AND EXISTS (SELECT 1 FROM v_operation_tmp1 op2, account a WHERE op2.i_group_id=v_operation_tmp1.i_group_id AND op2.rd_account_id=a.id AND a.t_type<>''L' AND op2.rc_unit_id=v_operation_tmp1.rc_unit_id AND op2.f_QUANTITY=-v_operation_tmp1.f_QUANTITY) THEN 'Y' ELSE 'N' END) AS t_TRANSFER FROM v_operation_tmp1;
CREATE VIEW v_operation_delete AS SELECT *, (CASE WHEN t_status='Y' THEN 'Vous n’êtes pas autorisé à supprimer cette opération car en tâche rapprochée' END) t_delete_message FROM operation;
CREATE VIEW v_account_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM operation WHERE rd_account_id=account.id AND d_date<>'0000-00-00' AND t_template='N' AND t_status='Y') THEN 'Vous n’êtes pas autorisé à supprimer ce compte car il contient des opérations rapprochées' END) t_delete_message FROM account;
CREATE VIEW v_bank AS SELECT *, (SELECT TOTAL(s.f_CURRENTAMOUNT) FROM v_account s WHERE s.rd_bank_id=bank.id) AS f_CURRENTAMOUNT FROM bank;
CREATE VIEW v_category AS SELECT * FROM category;
CREATE VIEW v_recurrentoperation AS SELECT *, i_period_increment||' '||(CASE t_period_unit WHEN 'Y' THEN 'année(s)' WHEN 'M' THEN 'mois' WHEN 'W' THEN 'semaine(s)' ELSE 'jour(s)' END) AS t_PERIODNLS FROM recurrentoperation;
CREATE VIEW v_recurrentoperation_displayname AS SELECT *, STRFTIME('%d/%m/%Y',d_date)||' '||SUBSTR((SELECT t_displayname FROM v_operation_displayname WHERE v_operation_displayname.id=v_recurrentoperation.rd_operation_id), 11) AS t_displayname FROM v_recurrentoperation;
CREATE VIEW v_suboperation_display AS SELECT *, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=v_suboperation.r_category_id),'') AS t_CATEGORY, IFNULL((SELECT s.t_name FROM refund s WHERE s.id=v_suboperation.r_refund_id),'') AS t_REFUND, (CASE WHEN v_suboperation.f_value>=0 THEN v_suboperation.f_value ELSE 0 END) AS f_VALUE_INCOME, (CASE WHEN v_suboperation.f_value<=0 THEN v_suboperation.f_value ELSE 0 END) AS f_VALUE_EXPENSE FROM v_suboperation;
CREATE VIEW v_suboperation_displayname AS SELECT *, t_CATEGORY||' : '||f_value AS t_displayname FROM v_suboperation_display;
CREATE VIEW v_operation_display_all AS SELECT *, (SELECT s.t_name FROM account s WHERE s.id=v_operation.rd_account_id) AS t_ACCOUNT,(SELECT (CASE WHEN s.t_symbol!='' THEN s.t_symbol ELSE s.t_name END) FROM unit s WHERE s.id=v_operation.rc_unit_id) AS t_UNIT,(SELECT s.t_CATEGORY FROM v_suboperation_display s WHERE s.id=v_operation.i_MOSTIMPSUBOP) AS t_CATEGORY,(SELECT s.t_REFUND FROM v_suboperation_display s WHERE s.id=v_operation.i_MOSTIMPSUBOP) AS t_REFUND,(CASE WHEN v_operation.f_QUANTITY<0 THEN '-' WHEN v_operation.f_QUANTITY=0 THEN '' ELSE '+' END) AS t_TYPEEXPENSE, (CASE WHEN v_operation.f_QUANTITY<=0 THEN 'Dépense' ELSE 'Revenu' END) AS t_TYPEEXPENSENLS, STRFTIME('%Y-W%W',v_operation.d_date) AS d_DATEWEEK,STRFTIME('%Y-%m',v_operation.d_date) AS d_DATEMONTH,STRFTIME('%Y',v_operation.d_date)||'-Q'||(CASE WHEN STRFTIME('%m',v_operation.d_date)<='03' THEN '1' WHEN STRFTIME('%m',v_operation.d_date)<='06' THEN '2' WHEN STRFTIME('%m',v_operation.d_date)<='09' THEN '3' WHEN STRFTIME('%m',v_operation.d_date)<='12' THEN '4' ELSE '5' END) AS d_DATEQUARTER,STRFTIME('%Y-%m-%d',v_operation.d_date) AS d_DATEFULL FROM operation;
CREATE VIEW v_operation_template_display AS SELECT * FROM v_operation_display_all WHERE t_template='Y';
CREATE VIEW v_operation_display AS SELECT * FROM v_operation_display_all WHERE d_date!='0000-00-00' AND t_template='N';
CREATE VIEW v_unit_display AS SELECT *,(SELECT TOTAL(o.f_QUANTITY) FROM v_operation_display o WHERE o.rc_unit_id=v_unit.id) AS f_QUANTITYOWNED FROM v_unit;
CREATE VIEW v_account_display AS SELECT (CASE t_type WHEN 'C' THEN 'Courant' WHEN 'D' THEN 'Carte de crédit' WHEN 'A' THEN 'Actif' WHEN 'I' THEN 'Investissement' WHEN 'W' THEN 'Portefeuille' WHEN 'L' THEN 'Prt' WHEN 'O' THEN 'Autre' END) AS t_TYPENLS,bank.t_name AS t_BANK,bank.t_bank_number AS t_BANK_NUMBER,bank.t_icon AS t_ICON,v_account.*,(v_account.f_CURRENTAMOUNT/(SELECT u.f_CURRENTAMOUNT FROM v_unit u, operation s WHERE u.id=s.rc_unit_id AND s.rd_account_id=v_account.id AND s.d_date='0000-00-00')) AS f_QUANTITY, (SELECT (CASE WHEN u.t_symbol!='' THEN u.t_symbol ELSE u.t_name END) FROM unit u, operation s WHERE u.id=s.rc_unit_id AND s.rd_account_id=v_account.id AND s.d_date='0000-00-00') AS t_UNIT, (SELECT TOTAL(s.f_CURRENTAMOUNT) FROM v_operation s WHERE s.rd_account_id=v_account.id AND s.t_status!='N' AND s.t_template='N') AS f_CHECKED, (SELECT TOTAL(s.f_CURRENTAMOUNT) FROM v_operation s WHERE s.rd_account_id=v_account.id AND s.t_status='N' AND s.t_template='N') AS f_COMING_SOON, (SELECT TOTAL(s.f_CURRENTAMOUNT) FROM v_operation s WHERE s.rd_account_id=v_account.id AND s.d_date<=date('now') AND s.t_template='N') AS f_TODAYAMOUNT, (SELECT count(*) FROM v_operation_display s WHERE s.rd_account_id=v_account.id) AS i_NBOPERATIONS, IFNULL((SELECT s.f_rate FROM interest s WHERE s.rd_account_id=v_account.id AND s.d_date=v_account.d_MAXDATE),0) AS f_RATE FROM v_account, bank WHERE bank.id=v_account.rd_bank_id;
CREATE VIEW v_operation_consolidated AS SELECT (SELECT s.t_TYPENLS FROM v_account_display s WHERE s.id=op.rd_account_id) AS t_ACCOUNTTYPE,(SELECT u.t_TYPENLS FROM v_unit u WHERE u.id=op.rc_unit_id) AS t_UNITTYPE,sop.id AS i_SUBOPID, sop.r_refund_id AS r_refund_id, (CASE WHEN sop.t_comment='' THEN op.t_comment ELSE sop.t_comment END) AS t_REALCOMMENT, sop.t_CATEGORY AS t_REALCATEGORY, sop.t_REFUND AS t_REALREFUND, sop.r_category_id AS i_IDCATEGORY, (CASE WHEN sop.f_value<0 THEN '-' WHEN sop.f_value=0 THEN '' ELSE '+' END) AS t_TYPEEXPENSE, (CASE WHEN sop.f_value<0 THEN 'Dpense' WHEN sop.f_value=0 THEN '' ELSE 'Revenu' END) AS t_TYPEEXPENSENLS, sop.f_value AS f_REALQUANTITY, sop.f_VALUE_INCOME AS f_REALQUANTITY_INCOME, sop.f_VALUE_EXPENSE AS f_REALQUANTITY_EXPENSE, ((SELECT u.f_CURRENTAMOUNT FROM v_unit u WHERE u.id=op.rc_unit_id)*sop.f_value) AS f_REALCURRENTAMOUNT, ((SELECT u.f_CURRENTAMOUNT FROM v_unit u WHERE u.id=op.rc_unit_id)*sop.f_VALUE_INCOME) AS f_REALCURRENTAMOUNT_INCOME, ((SELECT u.f_CURRENTAMOUNT FROM v_unit u WHERE u.id=op.rc_unit_id)*sop.f_VALUE_EXPENSE) AS f_REALCURRENTAMOUNT_EXPENSE, op.* FROM v_operation_display_all AS op, v_suboperation_display...
CREATE VIEW v_interest AS SELECT *, (SELECT s.t_name FROM account s WHERE s.id=interest.rd_account_id) AS t_ACCOUNT FROM interest;
CREATE VIEW v_interest_displayname AS SELECT *, STRFTIME('%d/%m/%Y', d_date)||' '||f_rate||'%' AS t_displayname FROM interest;
CREATE VIEW v_budgetrule AS SELECT *, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=budgetrule.rc_category_id), '') AS t_CATEGORYCONDITION, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=budgetrule.rc_category_id_target), '') AS t_CATEGORY, (CASE WHEN budgetrule.i_condition=-1 THEN 'Ngatif' WHEN budgetrule.i_condition=1 THEN 'Positif' WHEN budgetrule.i_condition=0 THEN 'Tous' END) AS t_WHENNLNS, f_quantity||(CASE WHEN budgetrule.t_absolute='N' THEN '%' ELSE (SELECT t_symbol FROM unit WHERE t_type='1') END) AS t_WHATNLNS, (CASE WHEN budgetrule.t_rule='N' THEN 'Suivant' WHEN budgetrule.t_rule='C' THEN 'Courant' WHEN budgetrule.t_rule='Y' THEN 'Anne' END) AS t_RULENLNS FROM budgetrule;
CREATE VIEW v_budgetrule_display AS SELECT * FROM v_budgetrule;
CREATE VIEW v_budgetrule_displayname AS SELECT *, t_WHENNLS||' '||t_WHATNLS||' '||t_RULENLS||' '||t_CATEGORY AS t_displayname FROM v_budgetrule;
CREATE VIEW v_budget_tmp AS SELECT *, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=budget.rc_category_id), '') AS tCATEGORY, (i_year||(CASE WHEN i_month=0 THEN '' WHEN i_month<10 THEN '0'||i_month ELSE '-'||i_month END)) AS t_PERIOD, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE STRFTIME('%Y', o.d_date)=i_year AND (i_month=0 OR STRFTIME('%m', o.d_date)=i_month) AND o.i_IDCATEGORY IN (SELECT b2.id_category FROM budgetcategory b2 WHERE b2.id=budget.id)) AS f_CURRENTAMOUNT, (SELECT GROUP_CONCAT(v_budgetrule_displayname.t_displayname,',') FROM v_budgetrule_displayname WHERE (v_budgetrule_displayname.t_year_condition='N' OR budget.i_year=v_budgetrule_displayname.i_year) AND (v_budgetrule_displayname.t_month_condition='N' OR budget.i_month=v_budgetrule_displayname.i_month) AND (v_budgetrule_displayname.t_category_condition='N' OR budget.rc_category_id=v_budgetrule_displayname.rc_category_id) ORDER BY v_budgetrule_displayname.t_absolute DESC, v_budgetrule_displayname.id) AS t_RULES FROM budget;
CREATE VIEW v_budget AS SELECT *, (f_CURRENTAMOUNT-f_budgeted_modified) AS f_DELTABEFORETRANSFER, (f_CURRENTAMOUNT-f_budgeted_modified-f_transferred) AS f_DELTA FROM v_budget_tmp;
CREATE VIEW v_budget_display AS SELECT *, (f_CURRENTAMOUNT-f_budgeted_modified) AS f_DELTABEFORETRANSFER, (f_CURRENTAMOUNT-f_budgeted_modified-f_transferred) AS f_DELTA FROM vm_budget_tmp;
CREATE VIEW v_budget_displayname AS SELECT *, t_CATEGORY||' '||t_PERIOD||' '||f_budgeted_modified AS t_displayname FROM v_budget;
CREATE TRIGGER fkdc_bank_parameters_uuid BEFORE DELETE ON bank FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-bank'; END;
CREATE TRIGGER fkdc_account_parameters_uuid BEFORE DELETE ON account FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-account'; END;
CREATE TRIGGER fkdc_unit_parameters_uuid BEFORE DELETE ON unit FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-unit'; END;
CREATE TRIGGER fkdc_unitvalue_parameters_uuid BEFORE DELETE ON unitvalue FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-unitvalue'; END;
CREATE TRIGGER fkdc_category_parameters_uuid BEFORE DELETE ON category FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-category'; END;
CREATE TRIGGER fkdc_operation_parameters_uuid BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-operation'; END;
CREATE TRIGGER fkdc_interest_parameters_uuid BEFORE DELETE ON interest FOR EACH ROW BEGIN
CREATE TRIGGER fkdc_suboperation_parameters_uuid BEFORE DELETE ON suboperation FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'suboperation';
END;

CREATE TRIGGER fkdc_refund_parameters_uuid BEFORE DELETE ON refund FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'refund';
END;

CREATE TRIGGER fkdc_payee_parameters_uuid BEFORE DELETE ON payee FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'payee';
END;

CREATE TRIGGER fkdc_recurrentoperation_parameters_uuid BEFORE DELETE ON recurrentoperation FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'recurrentoperation';
END;

CREATE TRIGGER fkdc_rule_parameters_uuid BEFORE DELETE ON rule FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'rule';
END;

CREATE TRIGGER fkdc_budget_parameters_uuid BEFORE DELETE ON budget FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'budget';
END;

CREATE TRIGGER fkdc_budgetrule_parameters_uuid BEFORE DELETE ON budgetrule FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'budgetrule';
END;

CREATE TRIGGER cpt_category_fullname1 AFTER INSERT ON category BEGIN
    UPDATE category SET t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id='' OR rd_category_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name END WHERE id=new.id;
END;

CREATE TRIGGER cpt_category_fullname2 AFTER UPDATE OF t_name, rd_category_id ON category BEGIN
    UPDATE category SET t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id='' OR rd_category_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name END WHERE id=new.id;
END;

CREATE TRIGGER fkdc_category_delete BEFORE DELETE ON category FOR EACH ROW BEGIN
    UPDATE suboperation SET r_category_id=OLD.rd_category_id WHERE r_category_id=OLD.id;
END;

EXPLAIN
SELECT TOTAL(f_CURRENTAMOUNT), d_DATEMONTH
FROM v_operation_display
WHERE d_DATEMONTH IN ('2012-05', '2012-04')
GROUP BY d_DATEMONTH, t_TYPEEXPENSE;

} { /* Goto .*/

# The next test requires FTS4
if capable !fts3 {
    finish_test
    return
}

# Taken from the gnome-shell project
#
db close
forcedelete test.db
sqlite3 db test.db
do_test fuzz-oss1-gnomeshell {
    db eval {

CREATE TABLE Resource (ID INTEGER NOT NULL PRIMARY KEY, Uri TEXT NOT NULL, UNIQUE (Uri));
CREATE VIRTUAL TABLE fts USING fts4;
CREATE TABLE "mfo:Action" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mfo:Enclosure" (ID INTEGER NOT NULL PRIMARY KEY,
"mfo:remoteLink" INTEGER, "mfo:remoteLink:graph" INTEGER,
"mfo:groupDefault" INTEGER, "mfo:groupDefault:graph" INTEGER,
"mfo:localLink" INTEGER, "mfo:localLink:graph" INTEGER, "mfo:optional" INTEGER,
"mfo:optional:graph" INTEGER);
CREATE TABLE "mfo:FeedChannel" (ID INTEGER NOT NULL PRIMARY KEY,
"mfo:updatedTime" INTEGER, "mfo:updatedTime:graph" INTEGER,
"mfo:updatedTime:localDate" INTEGER, "mfo:updatedTime:localTime" INTEGER,
"mfo:unreadCount" INTEGER, "mfo:unreadCount:graph" INTEGER,
"mfo:totalCount" INTEGER, "mfo:totalCount:graph" INTEGER, "mfo:action" INTEGER,
"mfo:action:graph" INTEGER, "mfo:type" INTEGER,
"mfo:type:graph" INTEGER);
CREATE TABLE "mfo:FeedElement" (ID INTEGER NOT NULL PRIMARY KEY,
"mfo:image" TEXT COLLATE NOCASE, "mfo:image:graph" INTEGER,
"mfo:feedSettings" INTEGER, "mfo:feedSettings:graph" INTEGER);
CREATE TABLE "mfo:FeedMessage" (ID INTEGER NOT NULL PRIMARY KEY,
"mfo:downloadedTime" INTEGER, "mfo:downloadedTime:graph" INTEGER,
"mfo:downloadedTime:localDate" INTEGER, "mfo:downloadedTime:localTime" INTEGER);
CREATE TABLE "mfo:FeedMessage_mfo:enclosureList" (ID INTEGER NOT NULL,
"mfo:enclosureList" INTEGER NOT NULL, "mfo:enclosureList:graph" INTEGER);
CREATE TABLE "mfo:FeedSettings" (ID INTEGER NOT NULL PRIMARY KEY,
"mfo:updateInterval" INTEGER, "mfo:updateInterval:graph" INTEGER,
"mfo:expiryInterval" INTEGER, "mfo:expiryInterval:graph" INTEGER,
"mfo:downloadPath" TEXT COLLATE NOCASE, "mfo:downloadPath:graph" INTEGER,
"mfo:downloadFlag" INTEGER, "mfo:downloadFlag:graph" INTEGER,
"mfo:maxSize" INTEGER, "mfo:maxSize:graph" INTEGER);
CREATE TABLE "mfo:FeedType" (ID INTEGER NOT NULL PRIMARY KEY,
"mfo:name" TEXT COLLATE NOCASE, "mfo:name:graph" INTEGER);
CREATE TABLE "mlo:GeoBoundingBox" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoBoundingBox_mlo:bbNorthWest" (ID INTEGER NOT NULL,
"mlo:bbNorthWest" INTEGER NOT NULL, "mlo:bbNorthWest:graph" INTEGER);
CREATE TABLE "mlo:GeoBoundingBox_mlo:bbSouthEast" (ID INTEGER NOT NULL,
"mlo:bbSouthEast" INTEGER NOT NULL, "mlo:bbSouthEast:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoLocation_mlo:asBoundingBox" (ID INTEGER NOT NULL,
"mlo:asBoundingBox" INTEGER NOT NULL, "mlo:asBoundingBox:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation_mlo:asGeoPoint" (ID INTEGER NOT NULL,
"mlo:asGeoPoint" INTEGER NOT NULL, "mlo:asGeoPoint:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation_mlo:asPostalAddress" (ID INTEGER NOT NULL,
| CREATE TABLE "mlo:GeoPoint" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "mlo:GeoPoint_mlo:address" (ID INTEGER NOT NULL, "mlo:address" TEXT NOT NULL, "mlo:address:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:altitude" (ID INTEGER NOT NULL, "mlo:altitude" REAL NOT NULL, "mlo:altitude:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:city" (ID INTEGER NOT NULL, "mlo:city" TEXT NOT NULL, "mlo:city:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:country" (ID INTEGER NOT NULL, "mlo:country" TEXT NOT NULL, "mlo:country:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:latitude" (ID INTEGER NOT NULL, "mlo:latitude" REAL NOT NULL, "mlo:latitude:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:longitude" (ID INTEGER NOT NULL, "mlo:longitude" REAL NOT NULL, "mlo:longitude:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:state" (ID INTEGER NOT NULL, "mlo:state" TEXT NOT NULL, "mlo:state:graph" INTEGER); |
| CREATE TABLE "mlo:GeoPoint_mlo:timestamp" (ID INTEGER NOT NULL, "mlo:timestamp" INTEGER NOT NULL, "mlo:timestamp:graph" INTEGER, "mlo:timestamp:localDate" INTEGER NOT NULL, "mlo:timestamp:localTime" INTEGER NOT NULL); |
| CREATE TABLE "mlo:GeoSphere" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "mlo:GeoSphere_mlo:radius" (ID INTEGER NOT NULL, "mlo:radius" REAL NOT NULL, "mlo:radius:graph" INTEGER); |
| CREATE TABLE "mlo:Landmark" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "mlo:LandmarkCategory" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "mlo:LandmarkCategory_mlo:isRemovable" (ID INTEGER NOT NULL, "mlo:isRemovable" INTEGER NOT NULL, "mlo:isRemovable:graph" INTEGER); |
| CREATE TABLE "mlo:Landmark_mlo:belongsToCategory" (ID INTEGER NOT NULL, "mlo:belongsToCategory" INTEGER NOT NULL, "mlo:belongsToCategory:graph" INTEGER); |
| CREATE TABLE "mlo:Landmark_mlo:poiLocation" (ID INTEGER NOT NULL, "mlo:poiLocation" INTEGER NOT NULL, "mlo:poiLocation:graph" INTEGER); |
| CREATE TABLE "mlo:LocationBoundingBox" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "mlo:LocationBoundingBox_mlo:boxEastLimit" (ID INTEGER NOT NULL, "mlo:boxEastLimit" INTEGER NOT NULL, "mlo:boxEastLimit:graph" INTEGER); |
| CREATE TABLE "mlo:LocationBoundingBox_mlo:boxNorthLimit" (ID INTEGER NOT NULL, "mlo:boxNorthLimit" INTEGER NOT NULL, "mlo:boxNorthLimit:graph" INTEGER); |
| CREATE TABLE "mlo:LocationBoundingBox_mlo:boxSouthWestCorner" (ID INTEGER NOT NULL, "mlo:boxSouthWestCorner" INTEGER NOT NULL, "mlo:boxSouthWestCorner:graph" INTEGER); |
| CREATE TABLE "mlo:LocationBoundingBox_mlo:boxVerticalLimit" (ID INTEGER NOT NULL, "mlo:boxVerticalLimit" INTEGER NOT NULL, "mlo:boxVerticalLimit:graph" INTEGER); |
| CREATE TABLE "mlo:PointOfInterest" (ID INTEGER NOT NULL PRIMARY KEY); |
CREATE TABLE "nao:Tag_tracker:isDefaultTag" (ID INTEGER NOT NULL, "tracker:isDefaultTag" INTEGER NOT NULL, "tracker:isDefaultTag:graph" INTEGER);
CREATE TABLE "nao:Tag_tracker:tagRelatedTo" (ID INTEGER NOT NULL, "tracker:tagRelatedTo" INTEGER NOT NULL, "tracker:tagRelatedTo:graph" INTEGER);
CREATE TABLE "ncal:AccessClassification" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Alarm" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:repeat" INTEGER, "ncal:repeat:graph" INTEGER);
CREATE TABLE "ncal:AlarmAction" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Alarm_ncal:action" (ID INTEGER NOT NULL, "ncal:action" INTEGER NOT NULL, "ncal:action:graph" INTEGER);
CREATE TABLE "ncal:Attachment" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:attachmentUri" INTEGER, "ncal:attachmentUri:graph" INTEGER, "ncal:fmttype" TEXT COLLATE NOCASE, "ncal:fmttype:graph" INTEGER, "ncal:encoding" INTEGER, "ncal:encoding:graph" INTEGER, "ncal:attachmentContent" TEXT COLLATE NOCASE, "ncal:attachmentContent:graph" INTEGER);
CREATE TABLE "ncal:AttachmentEncoding" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:AttendeeOrOrganizer" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:dir" INTEGER, "ncal:dir:graph" INTEGER, "ncal:involvedContact" INTEGER, "ncal:involvedContact:graph" INTEGER, "ncal:involvedContact:graph" INTEGER);
CREATE TABLE "ncal:AttendeeRole" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:BydayRulePart" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:bydayModifier" INTEGER NOT NULL, "ncal:bydayModifier:graph" INTEGER);
CREATE TABLE "ncal:BydayRulePart_ncal:bydayWeekday" (ID INTEGER NOT NULL, "ncal:bydayWeekday" INTEGER NOT NULL, "ncal:bydayWeekday:graph" INTEGER);
CREATE TABLE "ncal:CalendarDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarScale" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:BydayRulePart_ncal:bydayModifier" (ID INTEGER NOT NULL, "ncal:bydayModifier" INTEGER NOT NULL, "ncal:bydayModifier:graph" INTEGER);
CREATE TABLE "ncal:BydayRulePart_ncal:bydayWeekday" (ID INTEGER NOT NULL, "ncal:bydayWeekday" INTEGER NOT NULL, "ncal:bydayWeekday:graph" INTEGER);
CREATE TABLE "ncal:BydayRulePart" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:bydayModifier" INTEGER NOT NULL, "ncal:bydayModifier:graph" INTEGER);
CREATE TABLE "ncal:BydayRulePart_ncal:bydayModifier" (ID INTEGER NOT NULL, "ncal:bydayModifier" INTEGER NOT NULL, "ncal:bydayModifier:graph" INTEGER);
CREATE TABLE "ncal:CalendarDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarScale" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Calendar_n cal:component" (ID INTEGER NOT NULL, "ncal:component" INTEGER NOT NULL, "ncal:component:graph" INTEGER);
CREATE TABLE "ncal:Event" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:eventStatus" INTEGER, "ncal:eventStatus:graph" INTEGER, "ncal:transp" INTEGER, "ncal:transp:graph" INTEGER);
CREATE TABLE "ncal:EventStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Freebusy" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:fbtype" INTEGER, "ncal:fbtype:graph" INTEGER);
CREATE TABLE "ncal:FreebusyType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Freebusy_n cal:freebusy" (ID INTEGER NOT NULL, "ncal:freebusy" INTEGER NOT NULL, "ncal:freebusy:graph" INTEGER);
CREATE TABLE "ncal:Journal" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:journalStatus" INTEGER, "ncal:journalStatus:graph" INTEGER);
CREATE TABLE "ncal:JournalStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:NcalDateTime" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:ncalTimezone" INTEGER, "ncal:ncalTimezone:graph" INTEGER, "ncal:date" INTEGER, "ncal:date:graph" INTEGER, "ncal:date:localDate" INTEGER, "ncal:date:localTime" INTEGER, "ncal:dateTime" INTEGER, "ncal:dateTime:graph" INTEGER, "ncal:dateTime:localDate" INTEGER, "ncal:dateTime:localTime" INTEGER);
CREATE TABLE "ncal:NcalTimeEntity" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Organizer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:ParticipationStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceFrequency" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceIdentifier" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:range" INTEGER, "ncal:range:graph" INTEGER, "ncal:recurrenceIdDateTime" INTEGER, "ncal:recurrenceIdDateTime:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceIdentifierRange" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceRule_n cal:byday" (ID INTEGER NOT NULL, "ncal:byday" INTEGER NOT NULL, "ncal:byday:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_n cal:byhour" (ID INTEGER NOT NULL, "ncal:byhour" INTEGER NOT NULL, "ncal:byhour:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byminute" (ID INTEGER NOT NULL, "ncal:byminute" INTEGER NOT NULL, "ncal:byminute:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bymonth" (ID INTEGER NOT NULL, "ncal:bymonth" INTEGER NOT NULL, "ncal:bymonth:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bymonthday" (ID INTEGER NOT NULL, "ncal:bymonthday" INTEGER NOT NULL, "ncal:bymonthday:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bysecond" (ID INTEGER NOT NULL, "ncal:bysecond" INTEGER NOT NULL, "ncal:bysecond:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bysetpos" (ID INTEGER NOT NULL, "ncal:bysetpos" INTEGER NOT NULL, "ncal:bysetpos:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byweekno" (ID INTEGER NOT NULL, "ncal:byweekno" INTEGER NOT NULL, "ncal:byweekno:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byyearday" (ID INTEGER NOT NULL, "ncal:byyearday" INTEGER NOT NULL, "ncal:byyearday:graph" INTEGER);
CREATE TABLE "ncal:RequestStatus" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:statusDescription" TEXT COLLATE NOCASE, "ncal:statusDescription:graph" INTEGER, "ncal:returnStatus" TEXT COLLATE NOCASE, "ncal:returnStatus:graph" INTEGER, "ncal:requestStatusData" TEXT COLLATE NOCASE, "ncal:requestStatusData:graph" INTEGER);
CREATE TABLE "ncal:TimeTransparency" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:TimezoneObservance" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:tzoffsetfrom" TEXT COLLATE NOCASE, "ncal:tzoffsetfrom:graph" INTEGER, "ncal:tzoffsetto" TEXT COLLATE NOCASE, "ncal:tzoffsetto:graph" INTEGER, "ncal:tzname" TEXT COLLATE NOCASE, "ncal:tzname:graph" INTEGER);
CREATE TABLE "ncal:TodoStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Trigger" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:related" INTEGER, "ncal:related:graph" INTEGER, "ncal:triggerDateTime" INTEGER, "ncal:triggerDateTime:graph" INTEGER, "ncal:triggerDateTime:localDate" INTEGER, "ncal:triggerDateTime:localTime" INTEGER, "ncal:triggerDuration" INTEGER, "ncal:triggerDuration:graph" INTEGER);
CREATE TABLE "ncal:TriggerRelation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:UnionParentClass" (ID INTEGER NOT NULL PRIMARY KEY,
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CREATE TABLE "ncal:UnionParentClass_ncal:attach" (ID INTEGER NOT NULL, "ncal:attach" INTEGER NOT NULL, "ncal:attach:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:attendee" (ID INTEGER NOT NULL, "ncal:attendee" INTEGER NOT NULL, "ncal:attendee:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:categories" (ID INTEGER NOT NULL, "ncal:categories" TEXT NOT NULL, "ncal:categories:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:exdate" (ID INTEGER NOT NULL, "ncal:exdate" INTEGER NOT NULL, "ncal:exdate:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:exrule" (ID INTEGER NOT NULL, "ncal:exrule" INTEGER NOT NULL, "ncal:exrule:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:hasAlarm" (ID INTEGER NOT NULL, "ncal:hasAlarm" INTEGER NOT NULL, "ncal:hasAlarm:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:ncalRelation" (ID INTEGER NOT NULL, "ncal:ncalRelation" INTEGER NOT NULL, "ncal:ncalRelation:graph" INTEGER);
"ncal:anniversary" INTEGER NOT NULL, "ncal:anniversary:graph" INTEGER);
CREATE TABLE "nco:Contact_ncal:birthday" (ID INTEGER NOT NULL, "ncal:birthday" INTEGER NOT NULL, "ncal:birthday:graph" INTEGER);
CREATE TABLE "nco:Contact_nco:belongsToGroup" (ID INTEGER NOT NULL, "nco:belongsToGroup" INTEGER NOT NULL, "nco:belongsToGroup:graph" INTEGER);
CREATE TABLE "nco:Contact_nco:note" (ID INTEGER NOT NULL, "nco:note" TEXT NOT NULL, "nco:note:graph" INTEGER);
CREATE TABLE "nco:Contact_ncal:anniversary" (ID INTEGER NOT NULL, "scal:anniversary" INTEGER NOT NULL, "scal:anniversary:graph" INTEGER);
CREATE TABLE "nco:Contact_ncal:birthday" (ID INTEGER NOT NULL, "scal:birthay" INTEGER NOT NULL, "scal:birthay:graph" INTEGER);
CREATE TABLE "nco:DomesticDeliveryAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:EmailAddress" (ID INTEGER NOT NULL PRIMARY KEY, "nco:emailAddress" TEXT COLLATE NOCASE UNIQUE, "nco:emailAddress:graph" INTEGER);
CREATE TABLE "nco:FaxNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:Gender" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:IMAccount" (ID INTEGER NOT NULL PRIMARY KEY, "nco:imAccountAddress" INTEGER UNIQUE, "nco:imAccountAddress:graph" INTEGER, "nco:imAccountType" TEXT COLLATE NOCASE, "nco:imAccountType:graph" INTEGER, "nco:imDisplayName" TEXT COLLATE NOCASE, "nco:imDisplayName:graph" INTEGER, "nco:imEnabled" INTEGER, "nco:imEnabled:graph" INTEGER);
CREATE TABLE "nco:IMAccount_nco:hasIMContact" (ID INTEGER NOT NULL, "nco:hasIMContact" INTEGER NOT NULL, "nco:hasIMContact:graph" INTEGER);
CREATE TABLE "nco:IMAddress_nco:imCapability" (ID INTEGER NOT NULL, "nco:imCapability" INTEGER NOT NULL, "nco:imCapability:graph" INTEGER);
CREATE TABLE "nco:IMCapability" (ID INTEGER NOT NULL PRIMARY KEY);
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<td><code>nco:IsdnNumber</code></td>
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<td><code>nco:MessagingNumber</code></td>
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<td><code>nco:ModemNumber</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
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<tr>
<td><code>nco:OrganizationContact</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY, logo INTEGER, logo:graph INTEGER)</td>
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<tr>
<td><code>nco:PagerNumber</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
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<td><code>nco:ParcelDeliveryAddress</code></td>
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<td><code>nco:PersonContact</code></td>
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<td><code>nco:PersonContact_nco:hasAffiliation</code></td>
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<td><code>nco:PhoneNumber</code></td>
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CREATE TABLE "nco:Role_nco:hasEmailAddress" (ID INTEGER NOT NULL, "nco:hasEmailAddress" INTEGER NOT NULL, "nco:hasEmailAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasIMAddress" (ID INTEGER NOT NULL, "nco:hasIMAddress" INTEGER NOT NULL, "nco:hasIMAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasPhoneNumber" (ID INTEGER NOT NULL, "nco:hasPhoneNumber" INTEGER NOT NULL, "nco:hasPhoneNumber:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasPostalAddress" (ID INTEGER NOT NULL, "nco:hasPostalAddress" INTEGER NOT NULL, "nco:hasPostalAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:url" (ID INTEGER NOT NULL, "nco:url" INTEGER NOT NULL, "nco:url:graph" INTEGER);
CREATE TABLE "nco:Role_nco:websiteUrl" (ID INTEGER NOT NULL, "nco:websiteUrl" INTEGER NOT NULL, "nco:websiteUrl:graph" INTEGER);
CREATE TABLE "nco:VideoTelephoneNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:VoicePhoneNumber" (ID INTEGER NOT NULL PRIMARY KEY, "nco:voiceMail" INTEGER, "nco:voiceMail:graph" INTEGER);
CREATE TABLE "nfo:Application" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Archive" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:uncompressedSize" INTEGER, "nfo:uncompressedSize:graph" INTEGER);
CREATE TABLE "nfo:ArchiveItem" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:isPasswordProtected" INTEGER, "nfo:isPasswordProtected:graph" INTEGER);
CREATE TABLE "nfo:Attachment" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:BookmarkFolder" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:BookmarkFolder_nfo:containsBookmark" (ID INTEGER NOT NULL, "nfo:containsBookmark" INTEGER NOT NULL, "nfo:containsBookmark:graph" INTEGER);
CREATE TABLE "nfo:BookmarkFolder_nfo:containsBookmarkFolder" (ID INTEGER NOT NULL, "nfo:containsBookmarkFolder" INTEGER NOT NULL,
"nfo:containsBookmarkFolder:graph" INTEGER);
CREATE TABLE "nfo:CompressionType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Cursor" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:DataContainer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:DeletedResource" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:originalLocation" TEXT COLLATE NOCASE,
"nfo:originalLocation:graph" INTEGER, "nfo:deletionDate" INTEGER,
"nfo:deletionDate:graph" INTEGER, "nfo:deletionDate:localDate"
INTEGER, "nfo:deletionDate:localTime" INTEGER);
CREATE TABLE "nfo:Document" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:tableOfContents" TEXT COLLATE NOCASE,
"nfo:tableOfContents:graph" INTEGER);
CREATE TABLE "nfo:EmbeddedFileDataObject" (ID INTEGER NOT NULL PRIMARY
KEY, "nfo:encoding" TEXT COLLATE NOCASE, "nfo:encoding:graph"
INTEGER);
CREATE TABLE "nfo:Equipment" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:manufacturer" TEXT COLLATE NOCASE, "nfo:manufacturer:graph"
INTEGER, "nfo:model" TEXT COLLATE NOCASE, "nfo:model:graph" INTEGER,
"nfo:equipmentSoftware" TEXT COLLATE NOCASE,
"nfo:equipmentSoftware:graph" INTEGER);
CREATE TABLE "nfo:Executable" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:FileDataObject" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:fileLastAccessed" INTEGER, "nfo:fileLastAccessed:graph" INTEGER,
"nfo:fileLastAccessed:localDate" INTEGER, "nfo:fileLastAccessed:localTime"
INTEGER, "nfo:fileCreated" INTEGER, "nfo:fileCreated:graph" INTEGER,
"nfo:fileCreated:localDate" INTEGER, "nfo:fileCreated:localTime" INTEGER,
"nfo:fileSize" INTEGER, "nfo:fileSize:graph" INTEGER, "nfo:permissions"
TEXT COLLATE NOCASE, "nfo:permissions:graph" INTEGER,
"nfo:fileName" TEXT COLLATE NOCASE, "nfo:fileName:graph" INTEGER,
"nfo:hashHash" INTEGER, "nfo:hashHash:graph" INTEGER, "nfo:fileOwner"
INTEGER, "nfo:fileOwner:graph" INTEGER, "nfo:fileLastModified"
INTEGER, "nfo:fileLastModified:graph" INTEGER, "nfo:fileLastModified:
localDate" INTEGER, "nfo:fileLastModified:localTime" INTEGER);
CREATE TABLE "nfo:FileHash" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:hashValue" TEXT COLLATE NOCASE, "nfo:hashValue:graph" INTEGER,
"nfo:hashAlgorithm" TEXT COLLATE NOCASE, "nfo:hashAlgorithm:graph"
INTEGER);
CREATE TABLE "nfo:Filesystem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:FilesystemImage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Folder" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Font" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:fontFamily" TEXT COLLATE NOCASE, "nfo:fontFamily:graph" INTEGER,
"nfo:foundry" INTEGER, "nfo:foundry:graph" INTEGER);
CREATE TABLE "nfo:HardDiskPartition" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:HelpDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RegionOfInterest" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:RegionOfInterestX" REAL, "nfo:RegionOfInterestY" REAL, "nfo:RegionOfInterestWidth" REAL, "nfo:RegionOfInterestHeight" REAL, "nfo:RegionOfInterestHeight:graph" INTEGER, "nfo:RegionOfInterestType" INTEGER, "nfo:RegionOfInterestType:graph" INTEGER, "nfo:roiRefersTo" INTEGER, "nfo:roiRefersTo:graph" INTEGER);
CREATE TABLE "nfo:RegionOfInterestContent" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RemoteDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RemotePortAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Software" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:conflicts" INTEGER, "nfo:conflicts:graph" INTEGER, "nfo:supercedes" INTEGER, "nfo:supercedes:graph" INTEGER, "nfo:softwareIcon" INTEGER, "nfo:softwareIcon:graph" INTEGER, "nfo:softwareCmdLine" TEXT COLLATE NOCASE, "nfo:softwareCmdLine:graph" INTEGER);
CREATE TABLE "nfo:SoftwareApplication" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:SoftwareCategory" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:softwareCategoryIcon" INTEGER, "nfo:softwareCategoryIcon:graph" INTEGER);
CREATE TABLE "nfo:SoftwareItem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:SoftwareService" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Spreadsheet" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:TextDocument" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:wordCount" INTEGER, "nfo:wordCount:graph" INTEGER, "nfo:lineCount" INTEGER, "nfo:lineCount:graph" INTEGER, "nfo:characterCount" INTEGER, "nfo:characterCount:graph" INTEGER);
CREATE TABLE "nfo:Trash" (ID INTEGER NOT NULL PRIMARY KEY);
| CREATE TABLE "nfo:VectorImage" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "nfo:Video" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nfo:frameRate" REAL, "nfo:frameRate:graph" INTEGER, "nfo:frameCount" |
| INTEGER, "nfo:frameCount:graph" INTEGER, "nfo:averageVideoBitrate" |
| REAL, "nfo:averageVideoBitrate:graph" INTEGER); |
| CREATE TABLE "nfo:Visual" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nie:contentCreated" INTEGER, "nie:contentCreated:graph" INTEGER, |
| "nie:contentCreated:localDate" INTEGER, "nie:contentCreated:localTime" |
| INTEGER, "nfo:aspectRatio" REAL, "nfo:aspectRatio:graph" INTEGER, |
| "nfo:heading" REAL, "nfo:heading:graph" INTEGER, "nfo:tilt" REAL, |
| "nfo:tilt:graph" INTEGER, "nfo:interlaceMode" INTEGER, |
| "nfo:interlaceMode:graph" INTEGER, "nfo:height" INTEGER, |
| "nfo:height:graph" INTEGER, "nfo:width" INTEGER, "nfo:width:graph" |
| INTEGER, "nfo:colorDepth" INTEGER, "nfo:colorDepth:graph" INTEGER); |
| CREATE TABLE "nfo:WebHistory" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nfo:domain" TEXT COLLATE NOCASE, "nfo:domain:graph" INTEGER, |
| "nfo:uri" TEXT COLLATE NOCASE, "nfo:uri:graph" INTEGER); |
| CREATE TABLE "nfo:Website" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "nid3:ID3Audio" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nid3:title" TEXT COLLATE NOCASE, "nid3:title:graph" INTEGER, |
| "nid3:albumTitle" TEXT COLLATE NOCASE, "nid3:albumTitle:graph" INTEGER, |
| "nid3:length" INTEGER, "nid3:length:graph" INTEGER, |
| "nid3:recordingYear" INTEGER, "nid3:recordingYear:graph" INTEGER, |
| "nid3:trackNumber" TEXT COLLATE NOCASE, "nid3:trackNumber:graph" INTEGER, |
| "nid3:partOfSet" TEXT COLLATE NOCASE, "nid3:partOfSet:graph" INTEGER, |
| "nid3:comments" TEXT COLLATE NOCASE, "nid3:comments:graph" INTEGER); |
| CREATE TABLE "nid3:ID3Audio_nid3:leadArtist" (ID INTEGER NOT NULL, |
| "nid3:leadArtist" INTEGER NOT NULL, "nid3:leadArtist:graph" INTEGER); |
| CREATE TABLE "nie:InformationElement" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nie:title" TEXT COLLATE NOCASE, "nie:title:graph" INTEGER, |
| "nie:belongsToContainer" INTEGER, "nie:belongsToContainer:graph" INTEGER); |
| CREATE TABLE "nie:DataSource" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "nie:DataObject" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nie:byteSize" INTEGER, "nie:byteSize:graph" INTEGER, |
| "nie:interpretedAs" INTEGER, "nie:interpretedAs:graph" INTEGER, |
| "nie:lastRefreshed" INTEGER, "nie:lastRefreshed:graph" INTEGER, |
| "nie:lastRefreshed:localDate" INTEGER, "nie:lastRefreshed:localTime" |
| INTEGER, "nie:created" INTEGER, "nie:created:graph" INTEGER, |
| "nie:created:localDate" INTEGER, "nie:created:localTime" INTEGER, |
| "nfo:belongsToContainer" INTEGER, "nfo:belongsToContainer:graph" |
| INTEGER, "tracker:available" INTEGER, "tracker:available:graph" |
| INTEGER); |
| CREATE TABLE "nie:DataObject_nie:isPartOf" (ID INTEGER NOT NULL, |
| "nie:isPartOf" INTEGER NOT NULL, "nie:isPartOf:graph" INTEGER); |
| CREATE TABLE "nie:DataSource" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "nie:DataObject" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nie:title" TEXT COLLATE NOCASE, "nie:title:graph" INTEGER, |
| "nie:belongsToContainer" INTEGER, "nie:belongsToContainer:graph" |
| INTEGER, "nie:isPartOf" INTEGER NOT NULL, "nie:isPartOf:graph" INTEGER); |
| CREATE TABLE "nie:DataSource" (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE "nie:DataObject" (ID INTEGER NOT NULL PRIMARY KEY, |
| "nie:title" TEXT COLLATE NOCASE, "nie:title:graph" INTEGER, |
CREATE TABLE "nie:InformationElement_mlo:location" (ID INTEGER NOT NULL, "mlo:location" INTEGER NOT NULL, "mlo:location:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nao:hasProperty" (ID INTEGER NOT NULL, "nao:hasProperty" INTEGER NOT NULL, "nao:hasProperty:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nco:contributor" (ID INTEGER NOT NULL, "nco:contributor" INTEGER NOT NULL, "nco:contributor:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nco:creator" (ID INTEGER NOT NULL, "nco:creator" INTEGER NOT NULL, "nco:creator:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nie:hasLogicalPart" (ID INTEGER NOT NULL, "nie:hasLogicalPart" INTEGER NOT NULL, "nie:hasLogicalPart:graph" INTEGER);

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CREATE TABLE "nie:InformationElement_nie:hasPart" (ID INTEGER NOT NULL, "nie:hasPart" INTEGER NOT NULL, "nie:hasPart:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nie:informationElementDate" (ID INTEGER NOT NULL, "nie:informationElementDate" INTEGER NOT NULL, "nie:informationElementDate:graph" INTEGER, "nie:informationElementDate:localDate" INTEGER NOT NULL, "nie:informationElementDate:localTime" INTEGER NOT NULL);
CREATE TABLE "nie:InformationElement_nie:isLogicalPartOf" (ID INTEGER NOT NULL, "nie:isLogicalPartOf" INTEGER NOT NULL, "nie:isLogicalPartOf:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nie:keyword" (ID INTEGER NOT NULL, "nie:keyword" TEXT NOT NULL, "nie:keyword:graph" INTEGER);
CREATE TABLE "nie:InformationElement_nie:relatedTo" (ID INTEGER NOT NULL, "nie:relatedTo" INTEGER NOT NULL, "nie:relatedTo:graph" INTEGER);
CREATE TABLE "nmm:AnalogRadio" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:modulation" INTEGER, "nmm:modulation:graph" INTEGER, "nmm:frequency" INTEGER, "nmm:frequency:graph" INTEGER);
CREATE TABLE "nmm:Artist" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:artistName" TEXT COLLATE NOCASE, "nmm:artistName:graph" INTEGER);
CREATE TABLE "nmm:Flash" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:ImageList" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:MeteringMode" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:MusicAlbumDisc" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:albumDiscAlbum" INTEGER, "nmm:albumDiscAlbum:graph" INTEGER, "nmm:musicCDIdentifier" TEXT COLLATE NOCASE, "nmm:musicCDIdentifier:graph" INTEGER, "nmm:setNumber" INTEGER, "nmm:setNumber:graph" INTEGER);
CREATE TABLE "nmm:MusicAlbum_nmm:albumArtist" (ID INTEGER NOT NULL, "nmm:albumArtist" INTEGER NOT NULL, "nmm:albumArtist:graph" INTEGER);
CREATE TABLE "nmm:MusicPiece_nmm:lyrics" (ID INTEGER NOT NULL, "nmm:lyrics" INTEGER NOT NULL, "nmm:lyrics:graph" INTEGER);
CREATE TABLE "nmm:Playlist" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:RadioModulation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:RadioStation" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:radioIcon" INTEGER, "nmm:radioIcon:graph" INTEGER, "nmm:radioPTY" INTEGER, "nmm:radioPTY:graph" INTEGER);
CREATE TABLE "nmm:RadioStation_nmm:carrier" (ID INTEGER NOT NULL, "nmm:carrier" INTEGER NOT NULL, "nmm:carrier:graph" INTEGER);
CREATE TABLE "nmm:SynchronizedText" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:isForHearingImpaired" INTEGER, "nmm:isForHearingImpaired:graph" INTEGER);
CREATE TABLE "nmm:Video_mtp:scantype" (ID INTEGER NOT NULL, "mtp:scantype" INTEGER NOT NULL, "mtp:scantype:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:director" (ID INTEGER NOT NULL, "nmm:director" INTEGER NOT NULL, "nmm:director:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:leadActor" (ID INTEGER NOT NULL, "nmm:leadActor" INTEGER NOT NULL, "nmm:leadActor:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:subtitle" (ID INTEGER NOT NULL, "nmm:subtitle" INTEGER NOT NULL, "nmm:subtitle:graph" INTEGER);
CREATE TABLE "nmm:RadioStation_nmm:carrier" (ID INTEGER NOT NULL, "nmm:carrier" INTEGER NOT NULL, "nmm:carrier:graph" INTEGER);
CREATE TABLE "nmm:SynchronizedText" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:isForHearingImpaired" INTEGER, "nmm:isForHearingImpaired:graph" INTEGER);
CREATE TABLE "nmm:WhiteBalance" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Attachment" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Call" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:sentDate" INTEGER, "nmo:sentDate:graph" INTEGER,
    "nmo:sentDate:localDate" INTEGER, "nmo:sentDate:localTime" INTEGER,
    "nmo:duration" INTEGER, "nmo:duration:graph" INTEGER);
CREATE TABLE "nmo:CommunicationChannel" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:lastMessageDate" INTEGER, "nmo:lastMessageDate:graph" INTEGER,
    "nmo:lastMessageDate:localDate" INTEGER, "nmo:lastMessageDate:localTime" INTEGER,
    "nmo:lastSuccessfulMessageDate" INTEGER, "nmo:lastSuccessfulMessageDate:graph" INTEGER,
    "nmo:lastSuccessfulMessageDate:localDate" INTEGER, "nmo:lastSuccessfulMessageDate:localTime" INTEGER);
CREATE TABLE "nmo:CommunicationChannel_nmo:hasParticipant" (ID INTEGER NOT NULL, "nmo:hasParticipant" INTEGER NOT NULL,
    "nmo:hasParticipant:graph" INTEGER);
CREATE TABLE "nmo:Conversation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:DeliveryStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Email" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:hasContent" INTEGER, "nmo:hasContent:graph" INTEGER,
    "nmo:isFlagged" INTEGER, "nmo:isFlagged:graph" INTEGER, "nmo:isRecent" INTEGER,
    "nmo:isRecent:graph" INTEGER, "nmo:status" TEXT COLLATE NOCASE, "nmo:status:graph" INTEGER,
    "nmo:responseType" TEXT COLLATE NOCASE, "nmo:responseType:graph" INTEGER);
CREATE TABLE "nmo:Email_nmo:contentMimeType" (ID INTEGER NOT NULL, "nmo:contentMimeType" TEXT NOT NULL,
    "nmo:contentMimeType:graph" INTEGER);
CREATE TABLE "nmo:IMMessage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:MMSMessage" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:mmsHasContent" INTEGER, "nmo:mmsHasContent:graph" INTEGER);
CREATE TABLE "nmo:MailAccount" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:accountName" TEXT COLLATE NOCASE, "nmo:accountName:graph" INTEGER,
    "nmo:accountDisplayName" TEXT COLLATE NOCASE, "nmo:accountDisplayName:graph" INTEGER,
    "nmo:fromAddress" INTEGER, "nmo:fromAddress:graph" INTEGER, "nmo:signature" TEXT COLLATE NOCASE,
    "nmo:signature:graph" INTEGER);
CREATE TABLE "nmo:MailFolder" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:folderName" TEXT COLLATE NOCASE, "nmo:folderName:graph" INTEGER,
    "nmo:serverCount" INTEGER, "nmo:serverCount:graph" INTEGER,
    "nmo:serverUnreadCount" INTEGER, "nmo:serverUnreadCount:graph" INTEGER);
CREATE TABLE "nmo:MailboxDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Message" (ID INTEGER NOT NULL PRIMARY KEY,
    "nmo:sentDate" INTEGER, "nmo:sentDate:graph" INTEGER,
    "nmo:sentDate:localDate" INTEGER, "nmo:sentDate:localTime" INTEGER,
    "nmo:from" INTEGER, "nmo:from:graph" INTEGER, "nmo:isAnswered" INTEGER)
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CREATE TABLE "nmo:MessageHeader" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:headerName" TEXT COLLATE NOCASE, "nmo:headerName:graph" INTEGER, "nmo:headerValue" TEXT COLLATE NOCASE, "nmo:headerValue:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:bcc" (ID INTEGER NOT NULL, "nmo:bcc" INTEGER NOT NULL, "nmo:bcc:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:cc" (ID INTEGER NOT NULL, "nmo:cc" INTEGER NOT NULL, "nmo:cc:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:hasAttachment" (ID INTEGER NOT NULL, "nmo:hasAttachment" INTEGER NOT NULL, "nmo:hasAttachment:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:inReplyTo" (ID INTEGER NOT NULL, "nmo:inReplyTo" INTEGER NOT NULL, "nmo:inReplyTo:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:messageHeader" (ID INTEGER NOT NULL, "nmo:messageHeader" INTEGER NOT NULL, "nmo:messageHeader:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:recipient" (ID INTEGER NOT NULL, "nmo:recipient" INTEGER NOT NULL, "nmo:recipient:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:references" (ID INTEGER NOT NULL, "nmo:references" INTEGER NOT NULL, "nmo:references:graph" INTEGER);

CREATE TABLE "nmo:Message_nmo:to" (ID INTEGER NOT NULL, "nmo:to" INTEGER NOT NULL, "nmo:to:graph" INTEGER);

CREATE TABLE "nmo:MimePart_nmo:mimeHeader" (ID INTEGER NOT NULL, "nmo:mimeHeader" INTEGER NOT NULL, "nmo:mimeHeader:graph" INTEGER);
CREATE TABLE "nmo:Multipart" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Multipart_nmo:partBoundary" (ID INTEGER NOT NULL, "nmo:partBoundary" TEXT NOT NULL, "nmo:partBoundary:graph" INTEGER);
CREATE TABLE "nmo:PermanentChannel" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:PhoneMessageFolder" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:phoneMessageFolderId" TEXT COLLATE NOCASE, "nmo:phoneMessageFolderId:graph" INTEGER);
CREATE TABLE "nmo:PhoneMessageFolder_nmo:containsPhoneMessage" (ID INTEGER NOT NULL, "nmo:containsPhoneMessage" INTEGER NOT NULL, "nmo:containsPhoneMessage:graph" INTEGER);
CREATE TABLE "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder" (ID INTEGER NOT NULL, "nmo:containsPhoneMessageFolder" INTEGER NOT NULL, "nmo:containsPhoneMessageFolder:graph" INTEGER);
CREATE TABLE "nmo:PhoneMessage_nmo:toVCard" (ID INTEGER NOT NULL, "nmo:toVCard" INTEGER NOT NULL, "nmo:toVCard:graph" INTEGER);
CREATE TABLE "nmo:ReportReadStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:SMSMessage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:TransientChannel" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:VOIPCall" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nrl:InverseFunctionalProperty" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "osinfo:Installer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "poi:ObjectOfInterest" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "rdf:Property_rdfs:subPropertyOf" (ID INTEGER NOT NULL,
"rdfs:subPropertyOf" INTEGER NOT NULL, "rdfs:subPropertyOf:graph" INTEGER);
CREATE TABLE "rdfs:Class" (ID INTEGER NOT NULL PRIMARY KEY, "tracker:notify" INTEGER, "tracker:notify:graph" INTEGER);
CREATE TABLE "rdfs:Class_rdfs:subClassOf" (ID INTEGER NOT NULL, "rdfs:subClassOf" INTEGER NOT NULL, "rdfs:subClassOf:graph" INTEGER);
CREATE TABLE "rdfs:Class_tracker:domainIndex" (ID INTEGER NOT NULL, "tracker:domainIndex" INTEGER NOT NULL, "tracker:domainIndex:graph" INTEGER);
CREATE TABLE "rdfs:Literal" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "rdfs:Resource_dc:contributor" (ID INTEGER NOT NULL, "dc:contributor" TEXT NOT NULL, "dc:contributor:graph" INTEGER);
CREATE TABLE "rdfs:Resource_dc:date" (ID INTEGER NOT NULL, "dc:date" INTEGER NOT NULL, "dc:date:graph" INTEGER, "dc:date:localDate" INTEGER NOT NULL, "dc:date:localTime" INTEGER NOT NULL);
CREATE TABLE "rdfs:Resource_dc:relation" (ID INTEGER NOT NULL, "dc:relation" TEXT NOT NULL, "dc:relation:graph" INTEGER);
CREATE TABLE "rdfs:Resource_dc:source" (ID INTEGER NOT NULL, "dc:source" INTEGER NOT NULL, "dc:source:graph" INTEGER);
CREATE TABLE "rdfs:Resource_nao:deprecated" (ID INTEGER NOT NULL, "nao:deprecated" INTEGER NOT NULL, "nao:deprecated:graph" INTEGER);
CREATE TABLE "rdfs:Resource_nao:hasTag" (ID INTEGER NOT NULL, "nao:hasTag" INTEGER NOT NULL, "nao:hasTag:graph" INTEGER);
CREATE TABLE "rdfs:Resource_nao:isRelated" (ID INTEGER NOT NULL, "nao:isRelated" INTEGER NOT NULL, "nao:isRelated:graph" INTEGER);
CREATE TABLE "rdfs:Resource_rdf:type" (ID INTEGER NOT NULL, "rdf:type" INTEGER NOT NULL, "rdf:type:graph" INTEGER);
CREATE TABLE "scal:AccessLevel" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:AttendanceStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Attendee" (ID INTEGER NOT NULL PRIMARY KEY, "scal:attendanceStatus" INTEGER, "scal:attendanceStatus:graph" INTEGER, "scal:attendeeRole" INTEGER, "scal:attendeeRole:graph" INTEGER, "scal:attendeeContact" INTEGER, "scal:attendeeContact:graph" INTEGER, "scal:calendarUserType" INTEGER, "scal:calendarUserType:graph" INTEGER);
CREATE TABLE "scal:AttendeeRole" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Attendee_scal:delegated-from" (ID INTEGER NOT NULL, "scal:delegated-from" INTEGER NOT NULL, "scal:delegated-from:graph" INTEGER);
CREATE TABLE "scal:Attendee_scal:delegated-to" (ID INTEGER NOT NULL, "scal:delegated-to" INTEGER NOT NULL, "scal:delegated-to:graph" INTEGER);
CREATE TABLE "scal:Attendee_scal:member" (ID INTEGER NOT NULL, "scal:member" INTEGER NOT NULL, "scal:member:graph" INTEGER);
CREATE TABLE "scal:Attendee_scal:sent-by" (ID INTEGER NOT NULL, "scal:sent-by" INTEGER NOT NULL, "scal:sent-by:graph" INTEGER);
CREATE TABLE "scal:Calendar" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:CalendarAlarm" (ID INTEGER NOT NULL PRIMARY KEY, "scal:alarmOffset" INTEGER, "scal:alarmOffset:graph" INTEGER);
CREATE TABLE "scal:CalendarAlarm_scal:alarmAttendee" (ID INTEGER NOT NULL, "scal:alarmAttendee" INTEGER NOT NULL, "scal:alarmAttendee:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:access" (ID INTEGER NOT NULL, "scal:access" INTEGER NOT NULL, "scal:access:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:attachment" (ID INTEGER NOT NULL, "scal:attachment" INTEGER NOT NULL, "scal:attachment:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:attendee" (ID INTEGER NOT NULL, "scal:attendee" INTEGER NOT NULL, "scal:attendee:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:belongsToCalendar" (ID INTEGER NOT NULL, "scal:belongsToCalendar" INTEGER NOT NULL, "scal:belongsToCalendar:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:contact" (ID INTEGER NOT NULL, "scal:contact" INTEGER NOT NULL, "scal:contact:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:rrule" (ID INTEGER NOT NULL, "scal:rrule" INTEGER NOT NULL, "scal:rrule:graph" INTEGER);
CREATE TABLE "scal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Event" (ID INTEGER NOT NULL PRIMARY KEY, "scal:eventStatus" INTEGER, "scal:eventStatus:graph" INTEGER);
CREATE TABLE "scal:EventStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Journal" (ID INTEGER NOT NULL PRIMARY KEY, "scal:journalStatus" INTEGER, "scal:journalStatus:graph" INTEGER);
CREATE TABLE "scal:JournalStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:RSVPValues" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:RecurrenceRule" (ID INTEGER NOT NULL PRIMARY KEY, "scal:recurrencePattern" TEXT COLLATE NOCASE, "scal:recurrencePattern:graph" INTEGER, "scal:recurrenceStartDate" INTEGER, "scal:exception" INTEGER, "scal:exception:graph" INTEGER);
CREATE TABLE "scal:TimePoint" (ID INTEGER NOT NULL PRIMARY KEY, "scal:dateTime" INTEGER, "scal:dateTime:graph" INTEGER, "scal:dateTime:localDate" INTEGER, "scal:dateTime:localTime" INTEGER, "scal:TimeZone" TEXT COLLATE NOCASE, "scal:TimeZone:graph" INTEGER);
CREATE TABLE "scal:TodoStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:TransparencyValues" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "slo:Landmark" (ID INTEGER NOT NULL PRIMARY KEY, "slo:iconUrl" INTEGER, "slo:iconUrl:graph" INTEGER);
CREATE TABLE "slo:LandmarkCategory" (ID INTEGER NOT NULL PRIMARY KEY, "slo:isRemovable" INTEGER, "slo:isRemovable:graph" INTEGER, "slo:categoryIconUrl" INTEGER, "slo:categoryIconUrl:graph" INTEGER);
CREATE TABLE "slo:Landmark_slo:belongsToCategory" (ID INTEGER NOT NULL, "slo:belongsToCategory" INTEGER NOT NULL, "slo:belongsToCategory:graph" INTEGER);
CREATE TABLE "slo:Landmark_slo:hasContact" (ID INTEGER NOT NULL, "slo:hasContact" INTEGER NOT NULL, "slo:hasContact:graph" INTEGER);
CREATE TABLE "slo:Route" (ID INTEGER NOT NULL PRIMARY KEY, "slo:startTime" INTEGER, "slo:startTime:graph" INTEGER, "slo:startTime:localDate" INTEGER, "slo:startTime:localTime" INTEGER, "slo:endTime" INTEGER, "slo:endTime:graph" INTEGER, "slo:endTime:localDate" INTEGER, "slo:endTime:localTime" INTEGER);
CREATE TABLE "slo:Route_slo:routeDetails" (ID INTEGER NOT NULL, "slo:routeDetails" TEXT NOT NULL, "slo:routeDetails:graph" INTEGER);
CREATE TABLE "tracker:Namespace" (ID INTEGER NOT NULL PRIMARY KEY, "tracker:prefix" TEXT COLLATE NOCASE, "tracker:prefix:graph" INTEGER);
CREATE TABLE "tracker:Ontology" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "tracker:Volume" (ID INTEGER NOT NULL PRIMARY KEY, "tracker:isMounted" INTEGER, "tracker:isMounted:graph" INTEGER, "tracker:unmountDate" INTEGER, "tracker:unmountDate:graph" INTEGER, "tracker:unmountDate:localDate" INTEGER, "tracker:unmountDate:localTime" INTEGER, "tracker:mountPoint" INTEGER, "tracker:mountPoint:graph" INTEGER, "tracker:isRemovable" INTEGER, "tracker:isRemovable:graph" INTEGER, "tracker:isOptical" INTEGER, "tracker:isOptical:graph" INTEGER);
CREATE UNIQUE INDEX "mfo:FeedMessage_mfo:enclosureList_ID_ID" ON "mfo:FeedMessage_mfo:enclosureList" (ID, "mfo:enclosureList");
CREATE UNIQUE INDEX "mlo:GeoBoundingBox_mlo:bbNorthWest_ID_ID" ON "mlo:GeoBoundingBox_mlo:bbNorthWest" (ID, "mlo:bbNorthWest");
CREATE UNIQUE INDEX "mlo:GeoBoundingBox_mlo:bbSouthEast_ID_ID" ON "mlo:GeoBoundingBox_mlo:bbSouthEast" (ID, "mlo:bbSouthEast");
CREATE INDEX "mlo:GeoLocation_mlo:asBoundingBox_ID" ON "mlo:GeoLocation_mlo:asBoundingBox" (ID);
CREATE UNIQUE INDEX "mlo:GeoLocation_mlo:asBoundingBox_ID_ID" ON "mlo:GeoLocation_mlo:asBoundingBox" ("mlo:asBoundingBox", ID);
CREATE INDEX "mlo:GeoLocation_mlo:asGeoPoint_ID" ON "mlo:GeoLocation_mlo:asGeoPoint" (ID);
CREATE UNIQUE INDEX "mlo:GeoLocation_mlo:asGeoPoint_ID_ID" ON "mlo:GeoLocation_mlo:asGeoPoint" ("mlo:asGeoPoint", ID);
CREATE INDEX "mlo:GeoLocation_mlo:asPostalAddress_ID" ON "mlo:GeoLocation_mlo:asPostalAddress" (ID);
CREATE UNIQUE INDEX "mlo:GeoLocation_mlo:asPostalAddress_ID_ID" ON "mlo:GeoLocation_mlo:asPostalAddress" ("mlo:asPostalAddress", ID);
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:address_ID_ID" ON "mlo:GeoPoint_mlo:address" (ID, "mlo:address");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:altitude_ID_ID" ON "mlo:GeoPoint_mlo:altitude" (ID, "mlo:altitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:city_ID_ID" ON "mlo:GeoPoint_mlo:city" (ID, "mlo:city");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:country_ID_ID" ON
"mlo:GeoPoint_mlo:country" (ID, "mlo:country");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:latitude_ID_ID" ON
"mlo:GeoPoint_mlo:latitude" (ID, "mlo:latitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:longitude_ID_ID" ON
"mlo:GeoPoint_mlo:longitude" (ID, "mlo:longitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:state_ID_ID" ON
"mlo:GeoPoint_mlo:state" (ID, "mlo:state");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:timestamp_ID_ID" ON
"mlo:GeoPoint_mlo:timestamp" (ID, "mlo:timestamp");
CREATE UNIQUE INDEX "mlo:GeoSphere_mlo:radius_ID_ID" ON
"mlo:GeoSphere_mlo:radius" (ID, "mlo:radius");
CREATE UNIQUE INDEX "mlo:LandmarkCategory_mlo:isRemovable_ID_ID" ON
"mlo:LandmarkCategory_mlo:isRemovable" (ID, "mlo:isRemovable");
CREATE UNIQUE INDEX "mlo:Landmark_mlo:belongsToCategory_ID_ID" ON
"mlo:Landmark_mlo:belongsToCategory" (ID, "mlo:belongsToCategory");
CREATE UNIQUE INDEX "mlo:Landmark_mlo:poiLocation_ID_ID" ON
"mlo:Landmark_mlo:poiLocation" (ID, "mlo:poiLocation");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxEastLimit_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxEastLimit" (ID, "mlo:boxEastLimit");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxNorthLimit_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxNorthLimit" (ID, "mlo:boxNorthLimit");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxSouthWestCorner_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxSouthWestCorner" (ID, "mlo:boxSouthWestCorner");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxVerticalLimit_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxVerticalLimit" (ID, "mlo:boxVerticalLimit");
CREATE UNIQUE INDEX "mlo:Route_mlo:endTime_ID_ID" ON
"mlo:Route_mlo:endTime" (ID, "mlo:endTime");
CREATE UNIQUE INDEX "mlo:Route_mlo:routeDetails_ID_ID" ON
"mlo:Route_mlo:routeDetails" (ID, "mlo:routeDetails");
CREATE UNIQUE INDEX "mlo:Route_mlo:startTime_ID_ID" ON
"mlo:Route_mlo:startTime" (ID, "mlo:startTime");
CREATE UNIQUE INDEX "mto:Transfer_mto:transferList_ID_ID" ON
"mto:Transfer_mto:transferList" (ID, "mto:transferList");
CREATE UNIQUE INDEX "mto:Transfer_mto:transferPrivacyLevel_ID_ID" ON
"mto:Transfer_mto:transferPrivacyLevel" (ID, "mto:transferPrivacyLevel");
CREATE UNIQUE INDEX "mto:UploadTransfer_mto:transferCategory_ID_ID" ON
"mto:UploadTransfer_mto:transferCategory" (ID, "mto:transferCategory");
CREATE UNIQUE INDEX "nao:Tag_tracker:isDefaultTag_ID_ID" ON
"nao:Tag_tracker:isDefaultTag" (ID, "tracker:isDefaultTag");
CREATE UNIQUE INDEX "nao:Tag_tracker:tagRelatedTo_ID_ID" ON
"nao:Tag_tracker:tagRelatedTo" (ID, "tracker:tagRelatedTo");
CREATE UNIQUE INDEX "ncal:Alarm_ncal:action_ID_ID" ON
"ncal:Alarm_ncal:action" (ID, "ncal:action");
CREATE UNIQUE INDEX "ncal:BydayRulePart_ncal:bydayModifier_ID_ID" ON
"ncal:BydayRulePart_ncal:bydayModifier" (ID, "ncal:bydayModifier");
CREATE UNIQUE INDEX "ncal:BydayRulePart_ncal:bydayWeekday_ID_ID" ON
"ncal:BydayRulePart_ncal:bydayWeekday" (ID, "ncal:bydayWeekday");
CREATE UNIQUE INDEX "ncal:Calendar_ncal:component_ID_ID" ON
"ncal:Calendar_ncal:component" (ID, "ncal:component");
CREATE UNIQUE INDEX "ncal:Freebusy_ncal:freebusy_ID_ID" ON
"ncal:Freebusy_ncal:freebusy" (ID, "ncal:freebusy");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byday_ID_ID" ON
"ncal:RecurrenceRule_ncal:byday" (ID, "ncal:byday");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byhour_ID_ID" ON
"ncal:RecurrenceRule_ncal:byhour" (ID, "ncal:byhour");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byminute_ID_ID" ON
"ncal:RecurrenceRule_ncal:byminute" (ID, "ncal:byminute");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bymonth_ID_ID" ON
"ncal:RecurrenceRule_ncal:bymonth" (ID, "ncal:bymonth");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bymonthday_ID_ID" ON
"ncal:RecurrenceRule_ncal:bymonthday" (ID, "ncal:bymonthday");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bysecond_ID_ID" ON
"ncal:RecurrenceRule_ncal:bysecond" (ID, "ncal:bysecond");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bysetpos_ID_ID" ON
"ncal:RecurrenceRule_ncal:bysetpos" (ID, "ncal:bysetpos");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byweekno_ID_ID" ON
"ncal:RecurrenceRule_ncal:byweekno" (ID, "ncal:byweekno");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byyearday_ID_ID" ON
"ncal:RecurrenceRule_ncal:byyearday" (ID, "ncal:byyearday");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:attach_ID_ID" ON
"ncal:UnionParentClass_ncal:attach" (ID, "ncal:attach");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:attendee_ID_ID" ON
"ncal:UnionParentClass_ncal:attendee" (ID, "ncal:attendee");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:categories_ID_ID" ON
"ncal:UnionParentClass_ncal:categories" (ID, "ncal:categories");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exdate_ID_ID" ON
"ncal:UnionParentClass_ncal:exdate" (ID, "ncal:exdate");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exrule_ID_ID" ON
"ncal:UnionParentClass_ncal:exrule" (ID, "ncal:exrule");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:hasAlarm_ID_ID" ON
"ncal:UnionParentClass_ncal:hasAlarm" (ID, "ncal:hasAlarm");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:ncaRelation_ID_ID" ON
"ncal:UnionParentClass_ncal:ncaRelation" (ID, "ncal:ncaRelation");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:rdate_ID_ID" ON
"ncal:UnionParentClass_ncal:rdate" (ID, "ncal:rdate");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:relatedToChild_ID_ID" ON
"ncal:UnionParentClass_ncal:relatedToChild" (ID,
ncal:relatedToChild);
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:relatedToParent_ID_ID" ON "ncal:UnionParentClass_ncal:relatedToParent" (ID, "ncal:relatedToParent");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:resources_ID_ID" ON "ncal:UnionParentClass_ncal:resources" (ID, "ncal:resources");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:rrule_ID_ID" ON "ncal:UnionParentClass_ncal:rrule" (ID, "ncal:rrule");
CREATE UNIQUE INDEX "nco:Affiliation_nco:title_ID_ID" ON "nco:Affiliation_nco:title" (ID, "nco:title");
CREATE UNIQUE INDEX "nco:ContactList_nco:containsContact_ID_ID" ON "nco:ContactList_nco:containsContact" (ID, "nco:containsContact");
CREATE UNIQUE INDEX "nco:Contact_ncal:anniversary_ID_ID" ON "nco:Contact_ncal:anniversary" (ID, "ncal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_ncal:anniversary_ID_ID" ON "nco:Contact_ncal:anniversary" (ID, "ncal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_ncal:anniversary_ID_ID" ON "nco:Contact_ncal:anniversary" (ID, "ncal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_ncal:birthday_ID_ID" ON "nco:Contact_ncal:birthday" (ID, "ncal:birthday");
CREATE UNIQUE INDEX "nco:Contact_nco:belongsToGroup_ID_ID" ON "nco:Contact_nco:belongsToGroup" (ID, "nco:belongsToGroup");
CREATE UNIQUE INDEX "nco:Contact_nco:note_ID_ID" ON "nco:Contact_nco:note" (ID, "nco:note");
CREATE UNIQUE INDEX "nco:Contact_scal:anniversary_ID_ID" ON "nco:Contact_scal:anniversary" (ID, "scal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_scal:anniversary_ID_ID" ON "nco:Contact_scal:anniversary" (ID, "scal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_scal:anniversary_ID_ID" ON "nco:Contact_scal:anniversary" (ID, "scal:anniversary");
CREATE INDEX "nco:PhoneNumber_nco:phoneNumber" ON "nco:PhoneNumber" ("nco:phoneNumber");
CREATE UNIQUE INDEX "nco:Role_nco:blogUrl_ID_ID" ON "nco:Role_nco:blogUrl" (ID, "nco:blogUrl");
CREATE UNIQUE INDEX "nco:Role_nco:foafUrl_ID_ID" ON "nco:Role_nco:foafUrl" (ID, "nco:foafUrl");
CREATE UNIQUE INDEX "nco:Role_nco:hasContactMedium_ID_ID" ON "nco:Role_nco:hasContactMedium" (ID, "nco:hasContactMedium");
CREATE INDEX "nco:Role_nco:hasEmailAddress_ID" ON "nco:Role_nco:hasEmailAddress" (ID);
CREATE UNIQUE INDEX "nco:Role_nco:hasEmailAddress_ID_ID" ON "nco:Role_nco:hasEmailAddress" ("nco:hasEmailAddress", ID);
CREATE UNIQUE INDEX "nco:Role_nco:hasIMAddress_ID_ID" ON "nco:Role_nco:hasIMAddress" (ID, "nco:hasIMAddress");
CREATE UNIQUE INDEX "nco:Role_nco:hasPhoneNumber_ID_ID" ON "nco:Role_nco:hasPhoneNumber" (ID, "nco:hasPhoneNumber");
CREATE INDEX "nco:Role_nco:hasPostalAddress_ID" ON 
"nco:Role_nco:hasPostalAddress" (ID);
CREATE UNIQUE INDEX "nco:Role_nco:hasPostalAddress_ID_ID" ON 
"nco:Role_nco:hasPostalAddress" ("nco:hasPostalAddress", ID);
CREATE UNIQUE INDEX "nco:Role_nco:url_ID_ID" ON "nco:Role_nco:url" 
(ID, "nco:url");
CREATE UNIQUE INDEX "nco:Role_nco:websiteUrl_ID_ID" ON 
"nco:Role_nco:websiteUrl" (ID, "nco:websiteUrl");
CREATE UNIQUE INDEX
"nfo:BookmarkFolder_nfo:containsBookmarkFolder_ID_ID" ON 
"nfo:BookmarkFolder_nfo:containsBookmarkFolder" (ID, 
"nfo:containsBookmarkFolder");
CREATE UNIQUE INDEX "nfo:BookmarkFolder_nfo:containsBookmark_ID_ID" ON 
"nfo:BookmarkFolder_nfo:containsBookmark" (ID, 
"nfo:containsBookmark");
CREATE INDEX "nfo:FileDataObject_nfo:fileLastModified" ON 
"nfo:FileDataObject" ("nfo:fileLastModified");
CREATE UNIQUE INDEX "nfo:Image_nfo:depicts_ID_ID" ON 
"nfo:Image_nfo:depicts" (ID, "nfo:depicts");
CREATE UNIQUE INDEX "nfo:Image_nfo:hasRegionOfInterest_ID_ID" ON 
"nfo:Image_nfo:hasRegionOfInterest" (ID, "nfo:hasRegionOfInterest");
CREATE UNIQUE INDEX "nfo:MediaList_nfo:hasMediaFileListEntry_ID_ID" ON 
"nfo:MediaList_nfo:hasMediaFileListEntry" (ID, 
"nfo:hasMediaFileListEntry");
CREATE UNIQUE INDEX "nfo:MediaList_nfo:mediaListEntry_ID_ID" ON 
"nfo:MediaList_nfo:mediaListEntry" (ID, "nfo:mediaListEntry");
CREATE UNIQUE INDEX "nfo:Media_mtp:hidden_ID_ID" ON 
"nfo:Media_mtp:hidden" (ID, "mtp:hidden");
CREATE UNIQUE INDEX "nfo:Media_nmm:alternativeMedia_ID_ID" ON 
"nfo:Media_nmm:alternativeMedia" (ID, "nmm:alternativeMedia");
CREATE INDEX "nfo:Visual_nie:contentCreated" ON "nfo:Visual" 
("nie:contentCreated");
CREATE UNIQUE INDEX "nid3:ID3Audio_nid3:leadArtist_ID_ID" ON 
"nid3:ID3Audio_nid3:leadArtist" (ID, "nid3:leadArtist");
CREATE UNIQUE INDEX "nie:DataObject_nie:dataSource_ID_ID" ON 
"nie:DataObject_nie:dataSource" (ID, "nie:dataSource");
CREATE UNIQUE INDEX "nie:DataObject_nie:isPartOf_ID_ID" ON 
"nie:DataObject_nie:isPartOf" (ID, "nie:isPartOf");
CREATE INDEX "nie:DataObject_nie:url" ON "nie:DataObject" ("nie:url");
CREATE INDEX "nie:InformationElement_mlo:location_ID" ON 
"nie:InformationElement_mlo:location" (ID);
CREATE UNIQUE INDEX "nie:InformationElement_mlo:location_ID_ID" ON 
"nie:InformationElement_mlo:location" ("mlo:location", ID);
CREATE UNIQUE INDEX "nie:InformationElement_nao:hasProperty_ID_ID" ON 
"nie:InformationElement_nao:hasProperty" (ID, "nao:hasProperty");
CREATE UNIQUE INDEX "nie:InformationElement_nco:contributor_ID_ID" ON 
"nie:InformationElement_nco:contributor" (ID, "nco:contributor");
CREATE UNIQUE INDEX "nie:InformationElement_nco:creator_ID_ID" ON
CREATE UNIQUE INDEX "nie:InformationElement_nco:creator" (ID, "nco:creator")
CREATE UNIQUE INDEX "nie:InformationElement_nie:hasLogicalPart_ID_ID" ON "nie:InformationElement_nie:hasLogicalPart" (ID, "nie:hasLogicalPart")
CREATE UNIQUE INDEX "nie:InformationElement_nie:hasPart_ID_ID" ON "nie:InformationElement_nie:hasPart" (ID, "nie:hasPart")
CREATE UNIQUE INDEX
"nie:InformationElement_nie:informationElementDate_ID_ID" ON "nie:InformationElement_nie:informationElementDate" (ID,
"nie:informationElementDate")
CREATE UNIQUE INDEX "nie:InformationElement_nie:isLogicalPartOf_ID_ID" ON "nie:InformationElement_nie:isLogicalPartOf" (ID,
"nie:isLogicalPartOf")
CREATE UNIQUE INDEX "nie:InformationElement_nie:keyword_ID_ID" ON "nie:InformationElement_nie:keyword" (ID, "nie:keyword")
CREATE UNIQUE INDEX "nie:InformationElement_nie:relatedTo_ID_ID" ON "nie:InformationElement_nie:relatedTo" (ID, "nie:relatedTo")
CREATE INDEX "nie:InformationElement_slo:location" ON "nie:InformationElement" ("slo:location")
CREATE INDEX "nmm:Artist_nmm:artistName" ON "nmm:Artist" ("nmm:artistName")
CREATE INDEX "nmm:MusicAlbum_nmm:albumArtist_ID_ID" ON "nmm:MusicAlbum_nmm:albumArtist" (ID, "nmm:albumArtist")
CREATE UNIQUE INDEX "nmm:MusicPiece_nmm:lyrics_ID_ID" ON "nmm:MusicPiece_nmm:lyrics" (ID, "nmm:lyrics")
CREATE INDEX "nmm:MusicPiece_nmm:musicAlbum" ON "nmm:MusicPiece" ("nmm:musicAlbum")
CREATE INDEX "nmm:MusicPiece_nmm:performer" ON "nmm:MusicPiece" ("nmm:performer")
CREATE UNIQUE INDEX "nmm:RadioStation_nmm:carrier_ID_ID" ON "nmm:RadioStation_nmm:carrier" (ID, "nmm:carrier")
CREATE UNIQUE INDEX "nmm:Video_mtp:scantype_ID_ID" ON "nmm:Video_mtp:scantype" (ID, "mtp:scantype")
CREATE UNIQUE INDEX "nmm:Video_nmm:director_ID_ID" ON "nmm:Video_nmm:director" (ID, "nmm:director")
CREATE UNIQUE INDEX "nmm:Video_nmm:leadActor_ID_ID" ON "nmm:Video_nmm:leadActor" (ID, "nmm:leadActor")
CREATE UNIQUE INDEX "nmm:Video_nmm:subtitle_ID_ID" ON "nmm:Video_nmm:subtitle" (ID, "nmm:subtitle")
CREATE INDEX "nmo:Call_nmo:sentDate" ON "nmo:Call" ("nmo:sentDate")
CREATE INDEX "nmo:CommunicationChannel_nmo:hasParticipant_ID" ON "nmo:CommunicationChannel_nmo:hasParticipant" (ID)
CREATE UNIQUE INDEX
"nmo:CommunicationChannel_nmo:hasParticipant_ID_ID" ON "nmo:CommunicationChannel_nmo:hasParticipant" ("nmo:hasParticipant", ID)
CREATE INDEX "nmo:CommunicationChannel_nmo:lastMessageDate" ON
CREATE UNIQUE INDEX "nmo:CommunicationChannel" ON "nmo:CommunicationChannel";
CREATE UNIQUE INDEX "nmo:Email_nmo:contentMimeType_ID_ID" ON "nmo:Email_nmo:contentMimeType" (ID, "nmo:contentMimeType");
CREATE UNIQUE INDEX "nmo:Message_nmo:bcc_ID_ID" ON "nmo:Message_nmo:bcc" (ID, "nmo:bcc");
CREATE UNIQUE INDEX "nmo:Message_nmo:cc_ID_ID" ON "nmo:Message_nmo:cc" (ID, "nmo:cc");
CREATE INDEX "nmo:Message_nmo:communicationChannel" ON "nmo:Message" ("nmo:communicationChannel", "nmo:receivedDate");
CREATE INDEX "nmo:Message_nmo:conversation" ON "nmo:Message" ("nmo:conversation");
CREATE INDEX "nmo:Message_nmo:from" ON "nmo:Message" ("nmo:from");
CREATE UNIQUE INDEX "nmo:Message_nmo:hasAttachment_ID_ID" ON "nmo:Message_nmo:hasAttachment" (ID, "nmo:hasAttachment");
CREATE UNIQUE INDEX "nmo:Message_nmo:inReplyTo_ID_ID" ON "nmo:Message_nmo:inReplyTo" (ID, "nmo:inReplyTo");
CREATE UNIQUE INDEX "nmo:Message_nmo:messageHeader_ID_ID" ON "nmo:Message_nmo:messageHeader" (ID, "nmo:messageHeader");
CREATE UNIQUE INDEX "nmo:Message_nmo:recipient_ID_ID" ON "nmo:Message_nmo:recipient" (ID, "nmo:recipient");
CREATE UNIQUE INDEX "nmo:Message_nmo:references_ID_ID" ON "nmo:Message_nmo:references" (ID, "nmo:references");
CREATE INDEX "nmo:Message_nmo:sender" ON "nmo:Message" ("nmo:sender");
CREATE INDEX "nmo:Message_nmo:sentDate" ON "nmo:Message" ("nmo:sentDate");
CREATE INDEX "nmo:Message_nmo:to_ID" ON "nmo:Message_nmo:to" (ID);
CREATE UNIQUE INDEX "nmo:Message_nmo:to_ID_ID" ON "nmo:Message_nmo:to" ("nmo:to", ID);
CREATE UNIQUE INDEX "nmo:MimePart_nmo:mimeHeader_ID_ID" ON "nmo:MimePart_nmo:mimeHeader" (ID, "nmo:mimeHeader");
CREATE UNIQUE INDEX "nmo:Multipart_nmo:partBoundary_ID_ID" ON "nmo:Multipart_nmo:partBoundary" (ID, "nmo:partBoundary");
CREATE INDEX "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder_ID_ID" ON "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder" (ID, "nmo:containsPhoneMessageFolder");
CREATE INDEX "nmo:PhoneMessageFolder_nmo:containsPhoneMessage_ID_ID" ON "nmo:PhoneMessageFolder_nmo:containsPhoneMessage" (ID, "nmo:containsPhoneMessage");
CREATE UNIQUE INDEX "nmo:PhoneMessage_nmo:toVCard_ID_ID" ON "nmo:PhoneMessage_nmo:toVCard" (ID, "nmo:toVCard");
CREATE UNIQUE INDEX "rdfs:Property_rdfs:subPropertyOf_ID_ID" ON "rdfs:Property_rdfs:subPropertyOf" (ID, "rdfs:subPropertyOf");
CREATE UNIQUE INDEX "rdfs:Class_rdfs:subClassOf_ID_ID" ON "rdfs:Class_rdfs:subClassOf" (ID, "rdfs:subClassOf");
CREATE UNIQUE INDEX "rdfs:Class_tracker:domainIndex_ID_ID" ON "rdfs:Class_tracker:domainIndex" (ID, "tracker:domainIndex");
CREATE UNIQUE INDEX "rdfs:Resource_dc:contributor_ID_ID" ON "rdfs:Resource_dc:contributor";
"rdfs:Resource_dc:contributor" (ID, "dc:contributor");
CREATE UNIQUE INDEX "rdfs:Resource_dc:date_ID_ID" ON
"rdfs:Resource_dc:date" (ID, "dc:date");
CREATE UNIQUE INDEX "rdfs:Resource_dc:relation_ID_ID" ON
"rdfs:Resource_dc:relation" (ID, "dc:relation");
CREATE UNIQUE INDEX "rdfs:Resource_dc:source_ID_ID" ON
"rdfs:Resource_dc:source" (ID, "dc:source");
CREATE UNIQUE INDEX "rdfs:Resource_nao:deprecated_ID_ID" ON
"rdfs:Resource_nao:deprecated" (ID, "nao:deprecated");
CREATE INDEX "rdfs:Resource_nao:hasTag_ID" ON "rdfs:Resource_nao:hasTag" (ID);
CREATE UNIQUE INDEX "rdfs:Resource_nao:hasTag_ID_ID" ON
"rdfs:Resource_nao:hasTag" ("nao:hasTag", ID);
CREATE UNIQUE INDEX "rdfs:Resource_nao:isRelated_ID_ID" ON
"rdfs:Resource_nao:isRelated" (ID, "nao:isRelated");
CREATE UNIQUE INDEX "rdfs:Resource_rdf:type_ID_ID" ON
"rdfs:Resource_rdf:type" (ID, "rdf:type");
CREATE INDEX "rdfs:Resource_tracker:added" ON "rdfs:Resource" ("tracker:added");
CREATE UNIQUE INDEX "scal:Attendee_scal:delegated-from_ID_ID" ON
"scal:Attendee_scal:delegated-from" (ID, "scal:delegated-from");
CREATE UNIQUE INDEX "scal:Attendee_scal:delegated-to_ID_ID" ON
"scal:Attendee_scal:delegated-to" (ID, "scal:delegated-to");
CREATE UNIQUE INDEX "scal:Attendee_scal:member_ID_ID" ON
"scal:Attendee_scal:member" (ID, "scal:member");
CREATE UNIQUE INDEX "scal:Attendee_scal:sent-by_ID_ID" ON
"scal:Attendee_scal:sent-by" (ID, "scal:sent-by");
CREATE UNIQUE INDEX "scal:CalendarAlarm_scal:alarmAttendee_ID_ID" ON
"scal:CalendarAlarm_scal:alarmAttendee" (ID, "scal:alarmAttendee");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:access_ID_ID" ON
"scal:CalendarItem_scal:access" (ID, "scal:access");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:attachment_ID_ID" ON
"scal:CalendarItem_scal:attachment" (ID, "scal:attachment");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:belongsToCalendar_ID_ID" ON
"scal:CalendarItem_scal:belongsToCalendar" (ID, "scal:belongsToCalendar");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:contact_ID_ID" ON
"scal:CalendarItem_scal:contact" (ID, "scal:contact");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:rrule_ID_ID" ON
"scal:CalendarItem_scal:rrule" (ID, "scal:rrule");
CREATE INDEX "slo:GeoLocation_slo:postalAddress" ON "slo:GeoLocation" ("slo:postalAddress");
CREATE UNIQUE INDEX "slo:Landmark_slo:belongsToCategory_ID_ID" ON
"slo:Landmark_slo:belongsToCategory" (ID, "slo:belongsToCategory");
CREATE UNIQUE INDEX "slo:Landmark_slo:hasContact_ID_ID" ON
"slo:Landmark_slo:hasContact" (ID, "slo:hasContact");
CREATE UNIQUE INDEX "slo:Route_slo:routeDetails_ID_ID" ON
"slo:Route_slo:routeDetails" (ID, "slo:routeDetails");
Resource WHERE ID = (SELECT "nco:addressLocation" FROM "nco:PostalAddress" WHERE ID = "7_u"), ? COLLATE NOCASE])

COALESCE((SELECT "nco:country" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE))

COALESCE((SELECT "nco:region" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE), (SELECT "nco:PersonContact_nco:hasAffiliation11", "nco:hasAffiliation" AS "2_u", "nco:Role_nco:hasPostalAddress12", "nco:hasPostalAddress" AS "7_u" FROM "nco:PersonContact_nco:hasAffiliation" AS "nco:PersonContact_nco:hasAffiliation11", "nco:Role_nco:hasPostalAddress" AS "nco:Role_nco:hasPostalAddress12" WHERE "1_u" = "nco:PersonContact_nco:hasAffiliation11"."ID" AND "nco:PersonContact_nco:hasAffiliation11"."hasAffiliation" = "nco:Role_nco:hasPostalAddress12"."ID"), (SELECT GROUP_CONCAT("10_u" COLLATE NOCASE, ',') FROM (SELECT "nie:InformationElement_nao:hasProperty13", "nao:hasProperty" AS "8_u", "nao:PropertyName" AS "9_u", "nao:PropertyValue" AS "10_u" FROM "nie:InformationElement_nao:hasProperty" AS "nie:InformationElement_nao:hasProperty13", "nao:Property" AS "nao:Property14" WHERE "1_u" = "nie:InformationElement_nao:hasProperty13"."ID" AND "nie:InformationElement_nao:hasProperty13"."hasProperty" = "nao:Property14"."ID" AND "9_u" IS NOT NULL AND "10_u" IS NOT NULL AND "9_u" COLLATE NOCASE = ? COLLATE NOCASE)) FROM (SELECT "nco:PersonContact1"."ID" AS "1_u" FROM "nco:PersonContact" AS "nco:PersonContact1") ORDER BY "1_u";

} {/.* Goto .*/}

finish_test

Found in path(s):

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

without a shared lock, other processes are free to modify the database

Found in path(s):
No license file was found, but licenses were detected in source scan.

<h3>Proprietary SQLite Extensions</h3>
<a href="copyright.html">public domain</a>. But there also exist proprietary, licensed extensions to SQLite, written and maintained. You are welcomed to use SQLite in closed source, proprietary, and/or

Found in path(s):
No license file was found, but licenses were detected in source scan.

)putinterval

Found in path(s):
* 1 index 0BadFont
No license file was found, but licenses were detected in source scan.

Suppose the demo_data.boundary field holds some proprietary data description

Found in path(s):
No license file was found, but licenses were detected in source scan.

<li>Sources are in the <a href="copyright.html">public domain</a>.
Rather than using fopen() to write XML or some proprietary format into

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS2 module.
#
# $Id: fts2c.test,v 1.1 2006/10/19 23:36:26 shess Exp $
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS2 is defined, omit this file.
if !fts2 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email archives of Enron executives that was published as part of the litigation against that company.

# do_test fts2c-1.1 {
    db eval {
        CREATE VIRTUAL TABLE email USING fts2([from],[to],subject,body);
        BEGIN TRANSACTION;
        INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com, traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.

The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

?If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume increment on the parent, the hedge will volume will be the parent’s minimum volume.
?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

Volume on Autohedge transaction Volume Hedged
1 - 24990
2500 - 54995000
5500 - 64996000);
INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com, lisa.king@enron.com, lisa.best@enron.com', 'Leaving Early', 'FYI: If it’s ok with everyone’s needs, I would like to leave @4pm. If you think you will need my assistance past the 4 o’clock hour just let me know; I’ll be more than willing to stay.);
INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'louise.kitchen@enron.com', '<<Concur Expense Document>> - CC02.06.02', 'The following expense report is ready for approval:'
Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com);

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work request', 'Julie,

Could you print off the current work request report by 1:30 today?

Gentlemen,

I'd like to review this today at 1:30 in our office. Also, could you provide me with your activity reports so I can have Julie enter this information.

JD);

INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com, scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....
http://biz.yahoo.com/rf/010129/n29305829.html);

INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com', 'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');

INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001', '
The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent:Tuesday, October 16, 2001 3:42 PM
To:Carter, Karen E.
Subject:FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai
Sent:Friday, September 21, 2001 8:33 PM
Subject:Producers Newsletter 9-24-2001

');

INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com', 'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would be to offer up the Falcon for their use; however, given the tight time frame and your recent visit with Mr. Fox that it would be difficult for either you or me to participate.

-----Original Message-----
From: Johnson, Jay
Sent:Tuesday, October 16, 2001 3:42 PM
To:Carter, Karen E.
Subject:FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai
Sent:Friday, September 21, 2001 8:33 PM
Subject:Producers Newsletter 9-24-2001

');
I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey);

INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com', 'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,

Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager

-----Original Message-----
From: Bisbee, Joanne
Sent: Wednesday, September 26, 2001 7:50 AM
To: Fenceroy, LaChandra
Subject: FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

-----Original Message-----
From: Koh, Wendy
Sent: Tuesday, September 25, 2001 2:41 PM
To: Bisbee, Joanne
Subject: Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy');
INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran,

If Julie’s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd”s sheets as well.

Thanks.
Dan

-----Original Message-----
From: Fagan, Fran
Sent: Thursday, December 20, 2001 11:10 AM
To: McCarty, Danny
Subject: worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >>  << File: mccartyBonusCommercial_UnP.xls >>

'):
INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-Portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.

BERT');
INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com', 'TRV Notification: (NG - PROPT P/L - 09/27/2001)', 'The report named: NG - PROPT P/L <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&sTV1=5&TV1Exp=Y&current_efct_d ate=09/27/2001>, published as of 09/27/2001 is now available for viewing on the website.');
INSERT INTO email([from],[to],subject,body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', 'Re: Small business supply assistance', 'Hi Calvin

I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!');
INSERT INTO email([from],[to],subject,body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to you.');
INSERT INTO email([from],[to],subject,body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick --

Here is the information on staffing and outside services. Call if you need anything else.

Jim

'):
INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com',
'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,

Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages.

In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ';

You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610');

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To: ""chris.germany@enron.com"" <chris.germany@enron.com>
cc:
Subject: About St Pauls
Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.??

- About St Pauls.url

');
INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com, kmcree@sablaw.com, thompson@wrightlaw.com,','Reply Brief filed July 31, 2000', ' - CPUC01-#76371-v1-Revised_Reply_Brief_Due_today_7_31_.doc');
INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@agresources.com', 'dscott4@enron.com, lcampbel@enron.com', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder
As discussed in the Winter Operations Meeting on Sept.29,2000, E-Gas(Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations(daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.
');
INSERT INTO email([from],[to],subject,body) VALUES('dutch.quigley@enron.com', 'rwolkwitz@powermerchants.com', 'Here is a goody for you');
INSERT INTO email([from],[to],subject,body) VALUES('ryan.o’rourke@enron.com', 'k..allen@enron.com, randy.bhatia@enron.com, frank.ermis@enron.com,','TRV Notification: (West VaR - 11/07/2001)', 'The report named: West VaR <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=36&report_name=West+VaR&category_cd=2&category_name=WEST&toc_hide=1&sTV1=2&TV1Exp=Y&current_effct_date=11/07/2001>, published as of 11/07/2001 is now available for viewing on the website.');
INSERT INTO email([from],[to],subject,body) VALUES('mjones7@txu.com', 'cstone1@txu.com, gggreen2@txu.com, timpowell@txu.com,','Enron / HPL Actuals for July 10, 2000', 'Teco Tap 10.000 / Enron ;
LS HPL LSK IC 30.000 / Enron
');
INSERT INTO email([from],[to],subject,body) VALUES('susan.pereira@enron.com', 'kkw816@aol.com', 'soccer practice', 'Kathy-
Is it safe to assume that practice is cancelled for tonight??

Susan Pereira');
INSERT INTO email([from],[to],subject,body) VALUES('mark.whitt@enron.com', 'barry.tycholiz@enron.com', 'Huber Internal Memo', 'Please look at this. I didn't know how deep to go with the desk. Do you think this works. ');
INSERT INTO email([from],[to],subject,body) VALUES('m..forney@enron.com', 'george.phillips@enron.com', '', 'George, 
Give me a call and we will further discuss opportunities on the 13st floor. 

Thanks, 
JMForney 
3-7160');
INSERT INTO email([from],[to],subject,body) VALUES('brad.mckay@enron.com', 'angusmcka@aol.com', 'Re: (no subject)', 'not yet');
INSERT INTO email([from],[to],subject,body) VALUES('adam.bayer@enron.com', 'jonathan.mckay@enron.com', 'FW: Curve Fetch File', 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227

-----Original Message-----
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295');
INSERT INTO email([from],[to],subject,body) VALUES('matt.smith@enron.com', 'yan.wang@enron.com', 'Report Formats', 'Yan,

The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC
The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.

INSERT INTO email([from],[to],subject,body) VALUES('michelle.lokay@enron.com', 'jimboman@bigfoot.com', 'Egyptian Festival', '---------------------- Forwarded by Michelle Lokay/ET&S/Enron on 09/07/2000 10:08 AM ----------------------

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "''Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
<Leila_Mankarious@mhhhs.org>, "Marymankarious (E-mail)"
 marymankarious@aol.com>, "Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy Mankarious (E-mail)" <Mankarious@aol.com>
cc:

Subject: Egyptian Festival

<<Egyptian Festival.url>>

http://www.egyptianfestival.com/

- Egyptian Festival.url

');

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'sherry.dawson@enron.com', 'Urgent!!! --- New EAST books', 'This has to be done..................................

---------------------- Forwarded by Errol McLaughlin/Corp/Enron on 12/20/2000 08:39 AM ----------------------

From: William Kelly @ ECT 12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly.
to someone on my team. I know it will take some time for the new names to
sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal :         East Northeast
Dick Jenkins:     East Marketeast

WK
');
INSERT INTO email([from],[to],subject,body) VALUES('david.forster@enron.com', 'eol.wide@enron.com', 'Change to Stack Manager', 'Effective immediately, there is a change to the Stack Manager which will
affect any Inactive Child.

An inactive Child with links to Parent products will not have their
calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and
updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you
will not see the final, calculated price until you Activate the product, at
which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

Dave');
INSERT INTO email([from],[to],subject,body) VALUES('vince.kaminski@enron.com', 'jhh1@email.msn.com', 'Re: Light reading - see pieces beginning on page 7', 'John,

I saw it. Very interesting.

Vince

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc:
Subject: Light reading - see pieces beginning on page 7
Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

');
INSERT INTO email([from],[to],subject,body) VALUES('matthew.lenhart@enron.com', 'mmmarcantel@equiva.com', 'RE: i will try to line up a pig for you ');
INSERT INTO email([from],[to],subject,body) VALUES('jae.black@enron.com', 'claudette.harvey@enron.com, chaun.roberts@enron.com, judy.martinez@enron.com', 'Disaster Recovery Equipment', 'As a reminder...there are several pieces of equipment that are set up on the 30th Floor, as well as on our floor, for the Disaster Recovery Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment for you to use.

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
fax 713-646-8272
cell 713-539-4760');
INSERT INTO email([from],[to],subject,body) VALUES('eric.bass@enron.com', 'dale.neuner@enron.com', '5 X 24', 'Dale,

Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric');
INSERT INTO email([from],[to],subject,body) VALUES('messenger@smartreminders.com', 'm.tholt@enron.com', '10% Coupon - PrintPal Printer Cartridges - 100% Guaranteed', '[IMAGE]
[IMAGE][IMAGE][IMAGE]

Dear SmartReminders Member,

[IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE]

Open Source Used In CloudCenter Suite Admin 5.3.0 7544
The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA’s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!

Ben;

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.';

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax:(415) 782-7854

----- Forwarded by Susan J Mara/NA/Enron on 06/08/2001 12:24 PM -----
Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?

Fletch');

Here are the documents that Peter has prepared for Mark Frevert.

Nailia

---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001 16:36 ---------------------------

Nailia Dindarova
25/06/2001 15:36
To: Michael Brown/Enron@EUEnronXGate
cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT

Subject: Documents for Mark Frevert (on EU developments and lessons from California)

Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia
Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
* Finalize market analysis to refine business case, specifically projected revenue stream
* Complete counterparty surveying, including targeting 3 CPs for letters of intent
* Review Enron asset base for potential reuse/licensing
* Contract negotiations

Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage.....contract negotiations will probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)
- accenture-dealpoints v2.doc ‘);:
INSERT INTO email([from],[to],subject,body) VALUES('thomas.martin@enron.com', 'thomas.martin@enron.com', 'Re: Guadalupe Power Partners LP', '---------------------- Forwarded by Thomas A Martin/HOU/ECT on 03/20/2001 03:49 PM ---------------------------

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc: 
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katytailgate GD at buyers option three days prior to NYMEX close.

');:
INSERT INTO email([from],[to],subject,body) VALUES('judy.townsend@enron.com', 'dan.junek@enron.com, chris.germany@enron.com', 'Columbia Distribution’s Capacity Available for Release - Sum', '-------------------------

Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.

Aaron Goddard

- 2001Summer.doc

');
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com, dana.davis@enron.com, genia.fitzgerald@enron.com, ', 'Split Rock Energy LLC', 'We have received the executed EEI contract from this CP dated 12/12/2000. Copies will be distributed to Legal and Credit.');
INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com, crow@millernash.com, michaelearly@earthlink.net, ', 'Oral Argument Request', ' - Oral Argument Request.doc');
INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com, ', 'Did you come in town this wk end..... My new number at our house is : 713-668-3712...... my cell # is 281-381-7332

the kid');
INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com', 'FW: Contact Info', '-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info
Cooper,

It's been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.

');
INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net', 'mcguinn.k@enron.com,
mcguinn.ian@enron.com, mcguinn.stephen@enron.com', 'email address change', 'Hello all.

I haven’t talked to many of you via email recently but I do want to give you
my new address for your email file:

bjm30@earthlink.net

I hope all is well.

Brian McGuinn');
INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com', 'Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I’m hearing there is some hold-up & the units are stored on 44.

Shelley');
INSERT INTO email([from],[to],subject,body) VALUES('sara.davidson@enron.com',
'john.schwartenburg@enron.com, scott.dieball@enron.com, recipients@enron.com', '2001 Enron Law Conference (Distribution List 2)', 'Enron Law Conference

San Antonio, Texas May 2-4, 2001 Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an
Online RSVP Form on the Enron Law Conference Website at
http://lawconference.corp.enron.com. The website is still under construction
and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website
is operational.
? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

');
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i''ll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,

I'll get it done today.

DG  3-9573

From: Bryce Baxter 06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');
INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King
I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!

Casey;

INSERT INTO email([from],[to],subject,body) VALUES('darrell.schoolcraft@enron.com',
'david.roensch@enron.com, kimberly.watson@enron.com, michelle.lokay@enron.com.', 'Postings', 'Please see the attached.

ds

');

INSERT INTO email([from],[to],subject,body) VALUES('mcominsky@aol.com', 'cpatman@bracepatt.com, james_derrick@enron.com', 'Jurisprudence Luncheon', 'Carrin & Jim --

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com);

INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonna@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB rumor mill. Hope things are well, happy holidays.

PL');

INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:

Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your
Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');
INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

');
INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', 'j..bonin@enron.com, felicia.case@enron.com, b..clapp@enron.com', 'Price List week of Oct. 8-9, 2001', 'Please contact me if you have any questions regarding last weeks prices.

Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com', 'edward.baughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.');
INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com', 'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy');
INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', '', 'hey
big guy.....check this out.....

I sent you a fax of Kevin Kolb’s comments on the release. The payoff on the note would be $36,248 ($36090(principal) + $158 (accrued interest)). This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

I placed the adjusted L/R Balance on the Enronwest site. It is under the “Staff/Kourtney Nelson”. There are two links:

1) "Adj L_R” is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002” link has all of the supply side info that is used to calculate the L/R balance -Please note the Data Flag column, a value of “3” indicates the project was cancelled, on hold, etc and is not included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please. Also, James Bruce is working to get his gen report on the web. That will help with your access to information on new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com;

-----Original Message-----
From: Grace, Rebecca M.
Sent: Monday, December 17, 2001 9:44 AM
To: Thomas, Paul D.
Cc: Cashion, Jim; Allen, Thresa A.; May, Tom
Subject: RE: Current Enron TCC Portfolio
Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent:Monday, December 17, 2001 9:08 AM
To:Grace, Rebecca M.
Subject:FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email([from],[to],subject,body) VALUES('stephanie.panus@enron.com','william.bradford@enron.com, debbie.brackett@enron.com','Coastal Merchant Energy/El Paso Merchant Energy', 'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.
Thanks,
Stephanie
');
INSERT INTO email([from],[to],subject,body) VALUES('kam.keiser@enron.com', 'c..kenne@enron.com', 'RE: What about this too???, '

-----Original Message-----
From: Kenne, Dawn C.
Sent:Wednesday, February 06, 2002 11:50 AM
To:Keiser, Kam
Subject:What about this too???

<< File: Netco Trader Matrix.xls >>
');
INSERT INTO email([from],[to],subject,body) VALUES('chris.meyer@enron.com', 'joe.parks@enron.com', 'Centana', 'Talked to Chip. We do need Cash Committe approval given the netting feature of your deal, which means Batch Funding Request. Please update per my previous e-mail and forward.

Thanks
chris
x31666');
INSERT INTO email([from],[to],subject,body) VALUES('debra.perlingiere@enron.com', 'jworman@academyofhealth.com', '', 'Have a great weekend! Happy Fathers Day!

Debra Perlingiere
Enron North America Corp.
1400 Smith Street, EB 3885
Houston, Texas 77002
dperlin@enron.com
Phone 713-853-7658
Fax 713-646-3490);
INSERT INTO email([from],[to],subject,body) VALUES('outlook.team@enron.com', '', 'Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia &', 'CALENDAR ENTRY:APPOINTMENT

Description:
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date:1/5/2001
Time:9:00 AM - 10:00 AM (Central Standard Time)

Chairperson:Outlook Migration Team

Detailed Description:');
INSERT INTO email([from],[to],subject,body) VALUES('diana.seifert@enron.com', 'mark.taylor@enron.com', 'Guest access Chile', 'Hello Mark,
Justin Boyd told me that you can help me with questions regarding Chile. We got a request for guest access through MG. The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a “in w/h Chile” contract for Copper on-line as soon as Enron has done the due diligence for this country.
Thanks!

Best regards

Diana Seifert

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'mark.whitt@enron.com', '<Concur Expense Document>

The Approval status has changed on the following report:

Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending

To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com';

INSERT INTO email([from],[to],subject,body) VALUES('kevin.hyatt@enron.com', '', 'Technical Support', 'Outside the U.S., please refer to the list below:

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
Please refer to the Worldwide Customer Support card for a complete technical support contact list.

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corp
Albert LaMore
281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent: Wednesday, October 31, 2001 10:10 AM
To: Quigley, Dutch
Subject: RE:

give me a contact over there too
BP

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject:

Coral
Jeff Whitnah
713-767-5374

Relaint
Steve McGinn
713-207-4000

Variances detected.
Variances detected in Load schedule.

LOG MESSAGES:

PARSING FILE -->> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

--- Load Schedule ---
$$Variance found in table tblLoads.
Details: (Hour: 3 / Preferred: 1.92 / Final: 1.89)
TRANS_TYPE: FINAL
LOAD_ID: PGE4
MKT_TYPE: 2
TRANS_DATE: 4/22/01
SC_ID: EPMI

');
INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com',
'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');
INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com',
'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');
INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', 'This week''s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.

*Remember: this now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebyzttoolzprint.jpg');
COMMIT;
}
}

###############################################################################
# Everything above just builds an interesting test database. The actual
# tests come after this comment.
###############################################################################

do_test fts2c-1.2 {
execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark'
}
} {6 17 25 38 40 42 73 74}
do_test fts2c-1.3 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan'
  }
} {24 40}
do_test fts2c-1.4 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark susan'
  }
} {40}
do_test fts2c-1.5 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan mark'
  }
} {40}
do_test fts2c-1.6 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH "mark susan"
  }
} {}
do_test fts2c-1.7 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark -susan'
  }
} {6 17 25 38 42 73 74}
do_test fts2c-1.8 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH '-mark susan'
  }
} {24}
do_test fts2c-1.9 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
  }
} {6 17 24 25 38 40 42 73 74}

# Some simple tests of the automatic "offsets(email)" column. In the sample
# data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
# do_test fts2c-2.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'gas reminder'
  }
} {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.2 {
  execsql {
SELECT rowid, offsets(email) FROM email
WHERE email MATCH 'subject:gas reminder'
}
}
do_test fts2c-2.3 {
execsql {
SELECT rowid, offsets(email) FROM email
WHERE email MATCH 'body:gas reminder'
}
}
}
do_test fts2c-2.4 {
execsql {
SELECT rowid, offsets(email) FROM email
WHERE subject MATCH 'gas reminder'
}
}
}
do_test fts2c-2.5 {
execsql {
SELECT rowid, offsets(email) FROM email
WHERE body MATCH 'gas reminder'
}
}
}
do_test fts2c-3.1 {
execsql {
SELECT rowid, offsets(email) FROM email
WHERE body MATCH 'child product' AND rowid=32
}
}
}
do_test fts2c-3.2 {
execsql {
SELECT rowid, offsets(email) FROM email
WHERE body MATCH '"child product"'
}
}
}

# Snippet generator tests
#

do_test fts2c-4.1 {
execsql {
SELECT snippet(email) FROM email
WHERE email MATCH 'subject:gas reminder'
}
}
{{Alert Posted 10:00 AM November 20, 2000: E-<b>GAS</b> Request <b>Reminder</b>}}
do_test fts2c-4.2 {
execsql {
    SELECT snippet(email) FROM email 
    WHERE email MATCH 'christmas candlelight'
}
} {{<b>...</b> place.? What do you think about going here <b>Christmas</b>eve?? They have an 11:00 a.m. service and a <b>candlelight</b> service at 5:00 p.m., among others. <b>...</b>}}

do_test fts2c-4.3 {
execsql {
    SELECT snippet(email) FROM email 
    WHERE email MATCH 'deal sheet potential reuse'
}
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b> intent 
    Review Enron asset base for <b>potential</b>/ <b>reuse</b>/ licensing 
    Contract negotiations <b>...</b>}}

do_test fts2c-4.4 {
execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email 
    WHERE email MATCH 'deal sheet potential reuse'
}
} {{EOL-Accenture <<<Deal>>> <<<Sheet>>> intent 
    Review Enron asset base for <<<potential>>> <<<reuse>>>/ licensing 
    Contract negotiations  }}

do_test fts2c-4.5 {
execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email 
    WHERE email MATCH 'first things'
}
} {{Re: <<<First>>> Polish Deal! Congrats! <<<Things>>> seem to be building rapidly now on the  }}

do_test fts2c-4.6 {
execsql {
    SELECT snippet(email) FROM email 
    WHERE email MATCH 'chris is here'
}
} {{<b>chris</b>.germany@enron.com <b>...</b> Sounds good to me. I bet this <b>is</b> next to the Warick?? Hotel. <b>...</b> place.? What do you think about going <b>here</b> Christmas eve?? They have an 11:00 a.m. <b>...</b>}}

do_test fts2c-4.7 {
execsql {
    SELECT snippet(email) FROM email 
    WHERE email MATCH "pursuant to"
}
} {{Erin:
    <b>Pursuant</b> <b>to</b> your request, attached are the Schedule to <b>...</b>}}

do_test fts2c-4.8 {

execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
}
} {{pete.davis@enron.com <b>... </b> Start Date: 4/22/01; HourAhead hour: 3; No <b>ancillary</b> schedules awarded.
Varriances detected.
Varriances detected in <b>Load</b> schedule.

LOG MESSAGES:

PARSING <b>...</b> }

# Combinations of AND and OR operators:
#
do_test fts2c-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
  }
} {{matt.smith@enron.com <b>... </b> six reports:
31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies Production
22 West_2 <b>... </b> }}
do_test fts2c-5.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'enron OR com questar'
  }
} {{matt.smith@enron.com <b>... </b> six reports:
31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies Production
22 West_2 <b>... </b> }}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

INSERT INTO x1 VALUES('blonds', 'proprietary');

Found in path(s):
Open Source Used In CloudCenter Suite Admin 5.3.0  7563


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

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# # May you do good and not evil.
# # May you find forgiveness for yourself and forgive others.
# # May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS1 module.
#
# $Id: fts1c.test,v 1.11 2006/10/04 17:35:28 drh Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS1 is defined, omit this file.
if capable !fts1 {
    finish_test
    return
}

# Create a table of sample email data.  The data comes from email
# archives of Enron executives that was published as part of the
# litigation against that company.
#
do_test fts1c-1.1 {
    db eval {
        CREATE VIRTUAL TABLE email USING fts1([from],[to],subject,body);
        BEGIN TRANSACTION;
        INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com, traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.

The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

?If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume increment on the parent, the hedge will volume will be the parent’s minimum volume.
?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.
Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

Volume on Autohedge transaction
Volume Hedged

1 - 24990
2500 - 54995000
5500 - 64996000

INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com,

lisa.king@enron.com, lisa.best@enron.com.', 'Leaving Early', 'FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think
you will need my assistance past the 4 o’clock hour just let me know; I’ll
be more than willing to stay.’);

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',

'louise.kitchen@enron.com', '<Concur Expense Document>> - CC02.06.02', 'The following expense report is ready
for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com');

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work
request', 'Julie,

Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide
me with your activity reports so I can have Julie enter this information.

JD');

INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com,

scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....

http://biz.yahoo.com/rf/010129/n29305829.html');

INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com',

'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');

INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001',

The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent: Tuesday, October 16, 2001 3:42 PM
To: Carter, Karen E.
Subject: FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergia
Sent: Friday, September 21, 2001 8:33 PM
Subject: Producers Newsletter 9-24-2001

');
INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com',
'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would
be to offer up the Falcon for their use; however, given the tight time frame
and your recent visit with Mr. Fox that it would be difficult for either you
or me to participate.

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');
INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com',
'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,

Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager

-----Original Message-----
From: Bisbee, Joanne
Sent: Wednesday, September 26, 2001 7:50 AM
To: Fenceroy, LaChandra
Subject: FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business
users?
-----Original Message-----
From: Koh, Wendy
Sent:Tuesday, September 25, 2001 2:41 PM
To:Bisbee, Joanne
Subject:Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy');

INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran.

If Julie”s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd”s sheets as well.

Thanks,

Dan

-----Original Message-----
From: Fagan, Fran
Sent:Thursday, December 20, 2001 11:10 AM
To:McCarty, Danny
Subject:worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >> << File: mccartyBonusCommercial_UnP.xls >>

');

INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-Portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.

BERT);

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com,' ', 'TRV Notification: (NG - PROPT P/L - 09/27/2001) ', 'The report named: NG - PROPT P/L <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+-+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&sTV1=5&TV1Exp=Y&current_efct_date=09/27/2001>, published as of 09/27/2001 is now available for viewing on the website.');

INSERT INTO email([from],[to],subject,body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', "Open Source Used In CloudCenter Suite Admin 5.3.0 7566\n"
'Re: Small business supply assistance’, ‘Hi Calvin

I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!)

INSERT INTO email([from],[to],subject,body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to you.');
INSERT INTO email([from],[to],subject,body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick --

Here is the information on staffing and outside services. Call if you need anything else.

Jim

');
INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com', 'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,

Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages. In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ’);

INSERT INTO email([from],[to],subject,body) VALUES('enron.announcements@enron.com', 'all_ena_egm_eim@enron.com', 'EWS Brown Bag', 'MARK YOUR LUNCH CALENDARS NOW!

You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610); INSERT INTO email([from],[to],subject,body) VALUES('chris.germany@enron.com', 'ingrid.immer@williams.com', 'Re: About St Pauls', 'Sounds good to me. I bet this is next to the Warick?? Hotel.

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To: ""chris.germany@enron.com"" <chris.germany@enron.com>
cc:
Subject: About St Pauls

<<About St Pauls.url>>

?http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place.? What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls.url

');
INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com, kmccrea@sablaw.com, thompson@wrightlaw.com,', 'Reply Brief filed July 31, 2000', '- CPUC01-#76371-v1-Revised_Reply_Brief__Due_today_7_31_.doc');
INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@aglresources.com', 'dscott4@enron.com, lcampbel@enron.com', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder
As discussed in the Winter Operations Meeting on Sept.29,2000, E-Gas(Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations(daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.
');
INSERT INTO email([from],[to],subject,body) VALUES('dutch.quigley@enron.com, 'rwolkwitz@powermerchants.com', "");
Here is a goody for you:

INSERT INTO email([from],[to],subject,body) VALUES('ryan.o’rourke@enron.com', 'k..allen@enron.com, randy.bhatia@enron.com, frank.ermis@enron.com, ’, 'TRV Notification: (West VaR - 11/07/2001)', 'The report named: West VaR


INSERT INTO email([from],[to],subject,body) VALUES('mjones7@txu.com', 'cstone1@txu.com, ggreen2@txu.com, timpowell@txu.com, ’, 'Enron / HPL Actuals for July 10, 2000', 'Teco Tap 10.000 / Enron ; 110.000 / HPL IFERC

LS HPL LSK IC 30.000 / Enron ‘);

INSERT INTO email([from],[to],subject,body) VALUES('susan.pereira@enron.com', 'kkw816@aol.com, 'soccer practice’, ’Kathy-

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira’);

INSERT INTO email([from],[to],subject,body) VALUES('mark.whitt@enron.com', 'barry.tycholiz@enron.com, 'Huber Internal Memo’, 'Please look at this. I didn’t know how deep to go with the desk. Do you think this works.

 ‘);

INSERT INTO email([from],[to],subject,body) VALUES('m..forney@enron.com', 'george.phillips@enron.com’, ”, 'George,
Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JMForney
3-7160’);

INSERT INTO email([from],[to],subject,body) VALUES('brad.mckay@enron.com', 'angusmcka@aol.com, 'Re: (no subject), 'not yet’);

INSERT INTO email([from],[to],subject,body) VALUES('adam.bayer@enron.com', 'jonathan.mckay@enron.com, 'FW: Curve Fetch File’, 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227

-----Original Message-----
From: Royed, Jeff
Sent:Tuesday, September 25, 2001 11:37 AM
To:Bayer, Adam
Subject:Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.
The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "'Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
<Leila_Mankarious@mhlhs.org>, "'Marymankarious (E-mail)"
<marymankarious@aol.com>, "Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy Mankarious (E-mail)" <Mankarious@aol.com>
cc:

Subject: Egyptian Festival

<<Egyptian Festival.url>>

http://www.egyptianfestival.com/

- Egyptian Festival.url

');

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'sherry.dawson@enron.com', 'Urgent!!! --- New EAST books', 'This has to be done.................................
Thanks
---------------------- Forwarded by Errol McLaughlin/Corp/Enron on 12/20/2000 08:39 AM ---------------------------

From: William Kelly @ ECT 12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal: East Northeast
Dick Jenkins: East Marketeast

WK
');

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
I saw it. Very interesting.

Vince

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc:
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric

INSERT INTO email([from],[to],subject,body) VALUES('messenger@smartreminders.com', 'm.tholt@enron.com', '10% Coupon - PrintPal Printer Cartridges - 100% Guaranteed', '[IMAGE][IMAGE][IMAGE]
Dear SmartReminders Member,

We respect your privacy and are a Certified Participant of the BBBOnLine Privacy Program. To be removed from future offers, click here.
SmartReminders.com is a permission based service. To unsubscribe click here.

INSERT INTO email([from],[to],subject,body) VALUES('benjamin.rogers@enron.com', 'mark.bernstein@enron.com', '. The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA”s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!
Ben');
INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',...
'michelle.cash@enron.com', 'Expense Report Receipts Not Received', 'Employee Name: Michelle Cash
Report Name:   Houston Cellular 8-11-01
Report Date:   12/13/01
Report ID:     594D37C9ED2111D5B452
Submitted On:  12/13/01

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax:(415) 782-7854

"Milner, Marcie" <MMilner@coral-energy.com> 06/08/2001 11:13 AM   To: ""smara@enron.com"
 <smara@enron.com>  cc:   Subject: CAISO Emergency Motion

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?

Fletch);

Here are the documents that Peter has prepared for Mark Frevert.

Nailia

---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001
16:36 --------------------------
Nailia Dindarova  
25/06/2001 15:36  
To: Michael Brown/Enron@EUEnronXGate  
cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT  

Subject: Documents for Mark Frevert (on EU developments and lessons from California)  

Michael,  

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.  

Nailia  

'):

INSERT INTO email([from],[to],subject,body) VALUES('peggy.a.kostial@accenture.com', 'dave.samuels@enron.com', 'EOL-Accenture Deal Sheet', 'Dave -  

Attached are our comments and suggested changes. Please call to review.  

On the time line for completion, we have four critical steps to complete:  
   Finalize market analysis to refine business case, specifically projected revenue stream  
   Complete counterparty surveying, including targeting 3 CPs for letters of intent  
   Review Enron asset base for potential reuse/ licensing  
   Contract negotiations  

 Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage.....contract negotiations will probably be the critical path.  

 We will send our cut at the actual time line here shortly. Thanks,  

Peggy  

(See attached file: accenture-dealpoints v2.doc)
Thomas A Martin  
10/11/2000 03:55 PM  
To: Patrick Wade/HOU/ECT@ECT  
cc:  
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katy tailgate GD at buyers option three days prior to NYMEX close.

agoddard@nisource.com on 03/08/2001 09:16:57 AM  
To: " - *Koch, Kent" <kkoch@nisource.com>, " - *Millar, Debra" <dmillar@nisource.com>, " - *Burke, Lynn" <lburke@nisource.com>  
cc: " - *Heckathorn, Tom" <theckathorn@nisource.com>  
Subject: Columbia Distribution’s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.

Aaron Goddard
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com, dana.davis@enron.com, genia.fitzgerald@enron.com,', 'Split Rock Energy LLC', 'We have received the executed EEI contract from this CP dated 12/12/2000. 
Copies will be distributed to Legal and Credit.');

INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com, crow@millernash.com, michaelearly@earthlink.net,' 'Oral Argument Request', ' - Oral Argument Request.doc');

INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com', '', 'Did you come in town this wk end.... My new number at our house is : 713-668-3712...... my cell # is 281-381-7332
the kid');

INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com', 'FW: Contact Info,'

-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info

Cooper,

Its been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim,

');

INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net', 'mcguinn.k@enron.com, mcguinn.ian@enron.com, mcguinn.stephen@enron.com,', 'email address change', 'Hello all.
I haven’t talked to many of you via email recently but I do want to give you
my new address for your email file:

bjm30@earthlink.net

I hope all is well.

Brian McGuinn');

INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com', 'Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I’m hearing there is some hold-up & the units are stored on 44.
San Antonio, Texas   May 2-4, 2001   Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

I'll get it done today.

DG  3-9573
You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');

INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey');

INSERT INTO email([from],[to],subject,body) VALUES('darrell.schoolcraft@enron.com', 'david.roensch@enron.com, kimberly.watson@enron.com, michelle.lokay@enron.com.', 'Postings', 'Please see the attached.

ds

');

INSERT INTO email([from],[to],subject,body) VALUES('mcominsky@aol.com', 'cpatman@bracepatt.com, james_derrick@enron.com', 'Jurisprudence Luncheon', 'Carrin & Jim --

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.
Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky  
Director, Southwest Region  
Anti-Defamation League  
713/627-3490, ext. 122  
713/627-2011 (fax)  
MCominsky@aol.com

INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonnta@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB rumor mill. Hope things are well, happy holidays. PL');

INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:
Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');

INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

'):

INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', 'j..bonin@enron.com, felicia.case@enron.com, b..clapp@enron.com', 'Price List week of Oct. 8-9, 2001', 'Please contact me if you have any questions regarding last weeks prices.

Thank you,
Karolyn Criado
3-9441
In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy

I sent you a fax of Kevin Kolb’s comments on the release. The payoff on the note would be $36,248 ($36090 (principal) + $158 (accrued interest)).

This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance
   -Please note the Data Flag column, a value of "3" indicates the project was cancelled, on hold, etc and is not included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please. Also, James Bruce is working to get his gen report on the web. That will help with your access to information on new gen.

Please let me know if you have any questions or feedback,
Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com

INSERT INTO email ([from], [to], subject, body) VALUES ('d..thomas@enron.com', 'naveed.ahmed@enron.com', 'FW: Current Enron TCC Portfolio', '"

-----Original Message-----
From: Grace, Rebecca M.
Sent: Monday, December 17, 2001 9:44 AM
To: Thomas, Paul D.
Cc: Cashion, Jim; Allen, Thresa A.; May, Tom
Subject: RE: Current Enron TCC Portfolio

Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:08 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio
-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email([from],[to],subject,body) VALUES('stephanie.panus@enron.com', 'william.bradford@enron.com, debbie.brackett@enron.com, ', 'Coastal Merchant Energy/El Paso Merchant Energy', 'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie

');
INSERT INTO email([from],[to],subject,body) VALUES('kam.keiser@enron.com', 'c..kenne@enron.com', 'RE: What about this too???, ', '-----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>

');
INSERT INTO email([from],[to],subject,body) VALUES('chris.meyer@enron.com', 'joe.parks@enron.com', 'Centana', 'Talked to Chip. We do need Cash Committe approval given the netting feature of your deal, which means Batch Funding Request. Please update per my previous e-mail and forward.

Thanks

chris
x31666');
INSERT INTO email([from],[to],subject,body) VALUES('debra.perlingiere@enron.com', 'jworman@academyofhealth.com', '', 'Have a great weekend! Happy Fathers Day!

Debra Perlingiere
Enron North America Corp.'
Description:
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date: 1/5/2001
Time: 9:00 AM - 10:00 AM (Central Standard Time)

Chairperson: Outlook Migration Team

Detailed Description:

Justin Boyd told me that your can help me with questions regarding Chile.
We got a request for guest access through MG.
The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a “in w/h Chile” contract for Copper on-line as soon as Enron has done the due diligence for this country.
Thanks!

Best regards

Diana Seifert
EOL PCG

Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending
To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com:

INSERT INTO email([from],[to],subject,body) VALUES('kevin.hyatt@enron.com', '', 'Technical Support', 'Outside the U.S., please refer to the list below:

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.

INSERT INTO email([from],[to],subject,body) VALUES('geoff.storey@enron.com', 'dutch.quigley@enron.com', 'RE:', 'duke contact?

-----Original Message-----
From: Quigley, Dutch
Sent:Wednesday, October 31, 2001 10:14 AM
To:Storey, Geoff
Subject:RE:

bp corpAlbert LaMore281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent:Wednesday, October 31, 2001 10:10 AM
To:Quigley, Dutch
Subject:RE:

give me a contact over there too

BP

-----Original Message-----
From: Quigley, Dutch
Coral
Jeff Whitnah
713-767-5374

Relaint
Steve McGinn
713-207-4000

INSERT INTO email([from],[to],subject,body) VALUES('pete.davis@enron.com', 'pete.davis@enron.com', 'Start Date: 4/22/01; HourAhead hour: 3; <CODESITE>', 'Start Date: 4/22/01; HourAhead hour: 3; No ancillary schedules awarded.

Variance detected.
Variance detected in Load schedule.

LOG MESSAGES:

PARSING FILE -->> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

----- Load Schedule ----
$$$ Variance found in table tblLoads.
   Details: (Hour: 3 / Preferred:  1.92 / Final:  1.89)
   TRANS_TYPE: FINAL
   LOAD_ID: PGE4
   MKT_TYPE: 2
   TRANS_DATE: 4/22/01
   SC_ID: EPMI

');

INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com', 'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');

INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com', 'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');

INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', 'This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.'
*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebyztoolzprint.jpg');
    COMMIT;
}
}

#############################################################################
# Everything above just builds an interesting test database. The actual
# tests come after this comment.
#############################################################################

do_test fts1c-1.2 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'mark'
    }
} {6 17 25 38 40 42 73 74}
do_test fts1c-1.3 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'susan'
    }
} {24 40}
do_test fts1c-1.4 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'mark susan'
    }
} {40}
do_test fts1c-1.5 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'susan mark'
    }
} {40}
do_test fts1c-1.6 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH "mark susan"
    }
} {}
do_test fts1c-1.7 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'mark -susan'
    }
} {6 17 25 38 42 73 74}
do_test fts1c-1.8 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH '-mark susan'
    }
}
do_test fts1c-1.9 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
  }
}

# Some simple tests of the automatic "offsets(email)" column. In the sample
# data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
do_test fts1c-2.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'gas reminder'
  }
}

do_test fts1c-2.2 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
  }
}

do_test fts1c-2.3 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'body:gas reminder'
  }
}

do_test fts1c-2.4 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE subject MATCH 'gas reminder'
  }
}

do_test fts1c-2.5 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'gas reminder'
  }
}

# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
do_test fts1c-3.1 {
  execsql {

SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'child product' AND +rowid=32
}
} {32 {3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7}}

do_test fts1c-3.2 {
    execsql {
        SELECT rowid, offsets(email) FROM email
            WHERE body MATCH "child product"
    }
} {32 {3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7}}

# Snippet generator tests
#

do_test fts1c-4.1 {
    execsql {
        SELECT snippet(email) FROM email
            WHERE email MATCH 'subject:gas reminder'
    }
} {{Alert Posted 10:00 AM November 20,2000: E-<b>GAS</b> Request <b>Reminder</b>}}

do_test fts1c-4.2 {
    execsql {
        SELECT snippet(email) FROM email
            WHERE email MATCH 'christmas candlelight'
    }
} {{<b>...</b> place.? What do you think about going here <b>Christmas</b> eve?? They have an 11:00 a.m. service and a <b>candlelight</b> service at 5:00 p.m., among others. <b>...</b>}}

do_test fts1c-4.3 {
    execsql {
        SELECT snippet(email) FROM email
            WHERE email MATCH 'deal sheet potential reuse'
    }
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b> intent
    Review Enron asset base for <b>potential</b> <b>reuse</b>/ licensing
    Contract negotiations <b>...</b>}}

do_test fts1c-4.4 {
    execsql {
        SELECT snippet(email,'<<<','>>>',' ') FROM email
            WHERE email MATCH 'deal sheet potential reuse'
    }
} {{EOL-Accenture <<<Deal>>> <<<Sheet>>> intent
    Review Enron asset base for <<<potential>>> <<<reuse>>>/ licensing
    Contract negotiations }}

do_test fts1c-4.5 {
    execsql {
        SELECT snippet(email,'<<<','>>>',' ') FROM email
            WHERE email MATCH 'first things'
{[Re: <<<First>>> Polish Deal! Congrats! <<<Things>>> seem to be building rapidly now on the ]}
do_test fts1c-4.6 {
    execsql {
        SELECT snippet(email) FROM email
        WHERE email MATCH 'chris is here'
    }
} {[<b>chris</b>.germany@enron.com <b>...</b> Sounds good to me. I bet this <b>is</b> next to the Warick?? Hotel. <b>...</b> place.? What do you think about going <b>here</b> Christmas eve?? They have an 11:00 a.m. <b>...</b> ]}
do_test fts1c-4.7 {
    execsql {
        SELECT snippet(email) FROM email
        WHERE email MATCH "pursuant to"
    }
} {[Erin:}
<b>Pursuant</b> <b>to</b> your request, attached are the Schedule to <b>...</b> ]}
do_test fts1c-4.8 {
    execsql {
        SELECT snippet(email) FROM email
        WHERE email MATCH 'ancillary load davis'
    }
} {[<b>davis</b>@enron.com <b>...</b> Start Date: 4/22/01; HourAhead hour: 3; No <b>ancillary</b> schedules awarded.
Variance detected.
Variance detected in <b>Load</b> schedule.

LOG MESSAGES:

PARSING <b>...</b> ]}

# Combinations of AND and OR operators:
#
do_test fts1c-5.1 {
    execsql {
        SELECT snippet(email) FROM email
        WHERE email MATCH 'questar enron OR com'
    }
} {[<b>enron</b>.<b>com</b> <b>...</b> six reports:

31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies Production
22 West_2 <b>...</b> ]}
do_test fts1c-5.2 {
    execsql {
        SELECT snippet(email) FROM email
WHERE email MATCH 'enron OR com questar'
}

{ {matt.smith@<b>enron</b>.com <b>...</b> six reports:

31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies Production
22 West_2 <b>...</b> }

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

Copyright 1997-2006 Adobe Systems Incorporated. All Rights Reserved.

Found in path(s):
* %%Copyright
No license file was found, but licenses were detected in source scan.

%%Copyright: Copyright(C)2000-2006 Adobe Systems, Inc. All Rights Reserved.
%%Copyright: Copyright(C)1997-2007 Adobe Systems, Inc. All Rights Reserved.
%%BeginResource: procset Adobe_CoolType_Core 2.31 0

Found in path(s):
No license file was found, but licenses were detected in source scan.

SQLite is open source, and is available in the public domain

Found in path(s):
No license file was found, but licenses were detected in source scan.

application code is free to use these routines as well, if desired.

Found in path(s):
No license file was found, but licenses were detected in source scan.
FOR IMMEDIATE RELEASE:

<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>

Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium, a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members.

SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers. SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs.

The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers.

Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of the Consortium, Mozilla and Symbian are ensuring the development and support of SQLite as a freely accessible and public domain software asset.

"SQLite has become a popular embedded database because it is lightweight, fast, and open source," said Michael Schroepfer, Vice President of Engineering, Mozilla. "As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet."

The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool
of developers, highly-skilled in SQLite for future mobile phone development," said Bruce Carney, Director, Developer Programmes & Services, Symbian. "Our involvement with the SQL Consortium not only demonstrates Symbian's commitment to open standards in the industry, but as mobile phones become increasingly powerful and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible."

SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, http://www.sqlite.org/.

SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.

SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp's direction.

CONTACT INFORMATION:
SQLite Consortium
Dr. D. Richard Hipp
6200 Maple Cove Lane
Charlotte, NC 28269
Email: drh@sqlite.org
http://www.sqlite.org/
Tel: +1.704.948.4565

About Mozilla
Mozilla is a global community dedicated to building free, open source products and technologies that improve the online experience for people everywhere. Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation. As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to
financially support and cultivate competitive, viable community innovation.
For more information, visit www.mozilla.com.

<p>CONTACT INFORMATION:<br> Mozilla Corporation<br> Jessica Waight<br> Tel: +1.415.345.4754<br> Email: jwaight@outcastpr.com</p>

<p><b>About Symbian Limited</b></p>

<p>Symbian is a software licensing company that develops and licenses Symbian OS, the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.</p>

<p>Symbian licenses Symbian OS to the world's leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.</p>

<p>Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit www.symbian.com.</p>

<p>CONTACT INFORMATION:<br> Symbian Global Press Office<br> Karen Hamblen<br> +44 207 154 1707<br> press@symbian.com</p>

<p>Found in path(s):
No license file was found, but licenses were detected in source scan.

<dd><p>The psow query parameter works with the default windows and unix VFSes but might be a no-op for other proprietary or non-standard VFSes.</p>

Found in path(s):
No license file was found, but licenses were detected in source scan.
SQLite core and like the SQLite core are in the public domain. The
The `<b><a href="th3.html">TH3</a></b>` test harness is a set of proprietary tests, written in

```
/**
** Return a pointer to the "temporary page" buffer held internally
** by the pager. This is a buffer that is big enough to hold the
** entire content of a database page. This buffer is used internally
** during rollback and will be overwritten whenever a rollback
** occurs. But other modules are free to use it too, as long as
** no rollbacks are happening.
*/
```

```
/**
** The "printf" code that follows dates from the 1980's. It is in
** the public domain. The original comments are included here for
** completeness. They are very out-of-date but might be useful as
** an historical reference. Most of the "enhancements" have been backed
** out so that the functionality is now the same as standard printf()..
**
** ************************************************************
**
** This file contains code for a set of "printf"-like routines. These
** routines format strings much like the printf() from the standard C
** library, though the implementation here has enhancements to support
** SQLite.
*/
```

```
application is free to use the same `<a href="../c3ref/sqlite3.html">database connection</a>` or the
```
No license file was found, but licenses were detected in source scan.

other proprietary or non-standard VFSes.

Found in path(s):

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

<html>
<head>
<title>SQLite Consortium Agreement</title>
</head>
<body bgcolor="white">
<h1 align="center">
SQLite Consortium Agreement
</h1>
<p>This SQLite Consortium Agreement ("Agreement") is made and entered into as of the _____ day of ______________, 2007 ("Effective Date") by and between ________________ (the "Company"), and Hipp, Wyrick &amp; Company, Inc., a Georgia Corporation with headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").</p>
<p>WHEREAS, Hwaci is the developer of a serverless, embeddable, public domain SQL database engine available at <a href="http://www.sqlite.org/">http://www.sqlite.org/</a> ("SQLite"); and</p>
<p>WHEREAS, Company wishes to support the independent development of the SQLite database engine to insure the continuing reliability, vitality, and independence of SQLite, and in connection therewith, Company wishes to provide funds for ongoing research, development, and maintenance of the SQLite code base, operation of the SQLite website, protection and maintenance of the SQLite trademark, as well as for promotion of SQLite at conferences and trade shows; and</p>
<p>WHEREAS, Company wishes to receive benefits in the form of services from Hwaci in consideration for their support of SQLite; and</p>
<p>WHEREAS, Company and Hwaci each wish SQLite to be supported and maintained as an independent, community-driven project, and to ensure the SQLite development team remains independent.</p>
<p>NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:</p>
<h2>1.0 Definitions</h2>

<h3>1.1 SQLite Developers</h3>
<p>The "SQLite Developers" are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.</p>

<h3>1.2 SQLite Architect</h3>
<p>The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.</p>

<h3>1.3 Consortium Member</h3>
<p>A "Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.</p>

<h2>2.0 Agreement</h2>

<h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

<h4>2.1.1 General Support</h4>
<p>The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.</p>

<h4>2.1.2 Debugging Support</h4>
The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined time for Debugging Support and Custom Development for Company is limited to 330 hours per year.

<h4>2.1.3 Custom Development</h4>
The SQLite Developers shall at the request of Company write new extensions or enhancements to SQLite according to Company's specifications. These extensions and enhancements may be proprietary to Company or open source or with the consent of both Company and the SQLite Architect may be folded into the public domain SQLite source tree. The time devoted to Custom Development for Company is limited 220 hours per year.
<h4>2.1.4 Custom Builds</h4>
The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.

<h4>2.1.5 Legacy Support</h4>
The SQLite Developers shall at Company's request provide support and bug-fix patches for any historical version of SQLite.

<h4>2.1.6 Custom Testing</h4>
The SQLite Developers shall at Company's request set up and run acceptance tests according Company's specifications that are specifically designed to exercise SQLite as configured and used by Company. These acceptance tests shall be run and shall pass prior to any release of SQLite.

<h4>2.1.7 Priority Bug Fixes</h4>
The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

<h4>2.1.8 Code Quality</h4>
The SQLite Developers shall at all times keep the SQLite source code well commented and documented and clearly structured and organized so that an experienced and competent programmer can understand it and support it after no more than a few months of study.

<h4>2.1.9 Backwards Compatibility</h4>
The SQLite Developers recognize that Company uses SQLite in mission-critical applications and therefore shall work diligently to ensure continuing bug-free correct operation and backwards compatibility with prior releases.

<h4>2.1.10 Test Coverage</h4>
The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

<h4>2.1.11 Website</h4>
The SQLite Developers shall maintain the SQLite website at
<a href="http://www.sqlite.org/"/>http://www.sqlite.org/</a>
in good working order and all SQLite source code shall be made freely available at such website.
</p>

<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>
<p>The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings of any new bugs or new features in SQLite that might effect Company's products.
</p>

<h4>2.2.2 Direction</h4>
<p>The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.
</p>

<h4>2.2.3 Oversight</h4>
<p>The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.
</p>

<h4>2.2.4 Continuity</h4>
<p>The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.
</p>

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>
<p>Hwaci shall act as the employer of the SQLite Developers and SQLite Architect and shall make all tax and legal filings and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.
</p>

<h4>2.3.2 Responsible Party</h4>
<p>All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.</p>
<h4>2.3.3 Multiple Developers</h4>
<p>Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement. So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.</p>

<h4>2.3.4 Mentorship</h4>
<p>Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.</p>

<h4>2.3.5 Audits</h4>
<p>Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.</p>

<h4>2.3.6 Disaster Planning</h4>
<p>Hwaci shall maintain backup copies of all SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.</p>

<h4>2.3.7 Trademark</h4>
<p>Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the <a href="http://www.sqlite.org/">http://www.sqlite.org/</a> website.</p>

<h4>2.3.8 No Take-overs or Buy-outs</h4>
<p>Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.</p>
2.3.9 New Consortium Members

New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.

2.3.10 Adequate Staff

Hwaci shall recruit and employ a sufficient number of qualified SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.

2.3.11 Use Of Funds

Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement. Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.

2.4 Responsibilities And Obligations Of Company

2.4.1 Funding

Company shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".

2.4.2 Copyright Disclaimer

Company acknowledges that SQLite source code and documentation published on the SQLite website is in the public domain and that nothing in this agreement shall change that fact.

3.0 Fees

In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect of the obligations described herein, Company shall pay Hwaci at least US $75,000 per year in advance either annually, quarterly, or monthly, at Company's discretion.

4.0 Confidentiality
<h3>4.1 Definition of Confidential Information</h3>

"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing, orally or by drawings or inspection of parts or equipment.

<h3>4.2 Non-Use and Non-Disclosure.</h3>

Hwaci shall not, during or subsequent to the term of this Agreement, use Company’s Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.

<h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such
Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.

4.3 Return of Materials.

Upon the termination of this Agreement, or upon Company's earlier request, Hwaci shall deliver to Company all of Company's property or Confidential Information that Hwaci may have in Hwaci's possession or control.

5.0 Intellectual Property

5.1 No Assignment

Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.

5.2 Availability and Public Domain Dedication

The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain.
To the extent that the SQLite Developers and Hwaci elect not to release the SQLite source code and documentation publicly, they shall provide copies thereof to Company and hereby grants to Company, under all of the SQLite Developers' and Hwaci's rights including but not limited to copyright and patent rights, in and to the SQLite source code and documentation, perpetual, irrevocable, worldwide, non-exclusive, sublicenseable license to use, copy, prepare derivative works of, publicly perform and
display the SQLite source code and documentation and derivative works thereof.</p>

<h3>5.3 Trademark</h3>

<p>Hwaci shall use the name "SQLite" only to apply to the publicly available project known by such name as of the Effective Date. Hwaci may in its discretion file such trademark applications or registrations as it deems appropriate to protect or record its rights therein, and may set such policies as it deems appropriate for licensing the use of the trademark.</p>

<h2>6.0 Representations And Warranties</h2>

<h3>6.1 Intellectual Property Clearances</h3>

<p>Hwaci hereby represents and warrants that Hwaci shall enter into agreements with the SQLite Developers sufficient to enable Hwaci to undertake the obligations of Section 5.</p>

<h3>6.2 Disclaimer</h3>

<p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE, CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT. EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.</p>

<h2>7.0 Term And Termination</h2>

<h3>7.1 Term</h3>

<p>This Agreement will commence on the Effective Date and will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by Company for sponsorship for additional periods.</p>

<h3>7.2 Termination</h3>

<p>If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice</p>
in writing, then the non-defaulting party, at its option, 
may, in addition to any other remedies it may have, thereupon 
terminate this Agreement by giving written notice of 
termination to the defaulting party.</p>

<h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the 
parties toward each other will cease except: 
Sections 4 (Confidentiality), 5 (Intellectual Property), 
and 8 (Miscellaneous) will survive termination of this Agreement.</p>

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

<p>The parties acknowledge that the unique nature of 
Hwaci's services are substantial consideration for the 
parties' entering into this Agreement. Neither this 
Agreement nor any rights under this Agreement may be 
assigned or otherwise transferred by Hwaci, in whole 
or in part, whether voluntarily or by operation of law, 
without the prior written consent of Company, which 
consent will not be unreasonably withheld. 
Subject to the foregoing, this Agreement will be binding 
upon and will inure to the benefit of the parties and 
their respective successors and assigns. Any assignment 
in violation of the foregoing will be null and void.</p>

<h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of 
this Agreement or required by law must be in writing 
and must be: (a) delivered in person; (b) sent by first 
class registered mail, or air mail, as appropriate; or 
(c) sent by overnight air courier, in each case properly 
posted and fully prepaid to the appropriate address set 
forth in the preamble to this Agreement. Either party 
may change its address for notice by notice to the other 
party given in accordance with this Section. Notices 
will be considered to have been given at the time of 
actual delivery in person, three business days after 
deposit in the mail as set forth above, or one day after 
delivery to an overnight air courier service.</p>

<h3>8.3 Waiver.</h3>

<p>Any waiver of the provisions of this Agreement or
of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.</p>

<h3>8.4 Severability.</h3>

<p>If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.</p>

<h3>8.5 Integration.</h3>

<p>This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.</p>

<h3>8.6 Counterparts.</h3>

<p>This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.</p>

<h3>8.7 Governing Law.</h3>

<p>This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina.
and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.</p>

<h3>8.8 Independent Contractors.</h3>

<p>It is the intention of the parties that Hwaci is an independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.</p>

<h2>9.0 Signatures</h2>

<p>The parties have executed this Agreement below to indicate their acceptance of its terms.</p>

<table width="100%" border="0">
<tr><td valign="top">
HWACI<br>
By:<hr>
Print Name:<hr>
Title:<hr></td><td width="10%"></td><td valign="top">
COMPANY<br>
By:<hr>
Print Name:<hr>
Title:<hr></td></tr></table>

Found in path(s):
No license file was found, but licenses were detected in source scan.

/*
** 2004 May 22
**
** The author disclaims copyright to this source code. In place of
** a legal notice, here is a blessing:
**
**  May you do good and not evil.
**  May you find forgiveness for yourself and forgive others.
**  May you share freely, never taking more than you give.
**
******************************************************************************

**
** This file contains the VFS implementation for unix-like operating systems
** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.
**
** There are actually several different VFS implementations in this file.
** The differences are in the way that file locking is done. The default
** implementation uses Posix Advisory Locks. Alternative implementations
** use flock(), dot-files, various proprietary locking schemas, or simply
** skip locking all together.
**
** This source file is organized into divisions where the logic for various
** subfunctions is contained within the appropriate division. PLEASE
** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed
** in the correct division and should be clearly labeled.
**
** The layout of divisions is as follows:
**
**  * General-purpose declarations and utility functions.
**  * Unique file ID logic used by VxWorks.
**  * Various locking primitive implementations (all except proxy locking):
**      + for Posix Advisory Locks
**      + for no-op locks
**      + for dot-file locks
**      + for flock() locking
**      + for named semaphore locks (VxWorks only)
**      + for AFP filesystem locks (MacOSX only)
**  * sqlite3_file methods not associated with locking.
**  * Definitions of sqlite3_io_methods objects for all locking
**      methods plus "finder" functions for each locking method.
**  * sqlite3_vfs method implementations.
**  * Locking primitives for the proxy uber-locking-method. (MacOSX only)
**  * Definitions of sqlite3_vfs objects for all locking methods
**      plus implementations of sqlite3_os_init() and sqlite3_os_end().
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

/*
 * This code implements the MD5 message-digest algorithm.
 * The algorithm is due to Ron Rivest. This code was
 * written by Colin Plumb in 1993, no copyright is claimed.
 * This code is in the public domain; do with it what you wish.
 *
 * Equivalent code is available from RSA Data Security, Inc.
 * This code has been tested against that, and is equivalent,
 * except that you don't need to include two pages of legalese
 * with every copy.
 *
 * To compute the message digest of a chunk of bytes, declare an
 * MD5Context structure, pass it to MD5Init, call MD5Update as
 * needed on buffers full of bytes, and then call MD5Final, which
 * will fill a supplied 16-byte array with the digest.
 */

Found in path(s):

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

2.31 0
1.23 0
1.0 0

Found in path(s):
* %%Version

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

<p><b>Public domain</b></p>

The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):

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

<a href="http://en.wikipedia.org/wiki/Public_Domain">public domain</a>

the public domain and originals of
author, and all of those authors have public domain dedications
Even though SQLite is in the public domain and does not require
the public domain.  <li>
their contributions to the public domain.
in this code to the public domain. We make this dedication for the benefit

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_1-1.src.rpm-cosi-expand-archive-d7GDY6A0/sqlite-doc-3071700.zip-cosi-expand-archive-3c3yK59c/sqlite-doc-3071700/copyright.html
No license file was found, but licenses were detected in source scan.

# 2001 September 15
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
#   May you do good and not evil.
#   May you find forgiveness for yourself and forgive others.
#   May you share freely, never taking more than you give.
#
#******************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this file is testing built-in functions.
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# Create a table to work with.
#
do_test func-0.0 {
    execsql {CREATE TABLE tbl1(t1 text)}
    foreach word {this program is free software} {
        execsql "INSERT INTO tbl1 VALUES('$word')"
    }
    execsql {SELECT t1 FROM tbl1 ORDER BY t1}
} {free is program software this}
do_test func-0.1 {
    execsql {
        CREATE TABLE t2(a);
        INSERT INTO t2 VALUES(1);
        INSERT INTO t2 VALUES(NULL);
        INSERT INTO t2 VALUES(345);
        INSERT INTO t2 VALUES(NULL);
        INSERT INTO t2 VALUES(67890);
        SELECT * FROM t2;
    }
} {1 {} 345 {} 67890}

# Check out the length() function
#

do_test func-1.0 {
    execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {4 2 7 8 4}
do_test func-1.1 {
    set r [catch {execsql {SELECT length(*) FROM tbl1 ORDER BY t1}} $msg]
lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.2 {
    set r [catch {execsql {SELECT length(t1,5) FROM tbl1 ORDER BY t1}} $msg]
lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.3 {
    execsql {SELECT length(t1), count(*) FROM tbl1 GROUP BY length(t1)
             ORDER BY length(t1)}
} {2 1 4 2 7 1 8 1}
do_test func-1.4 {
    execsql {SELECT coalesce(length(a),-1) FROM t2}
} {1 -1 3 -1 5}

# Check out the substr() function
#
do_test func-2.0 {
    execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {fr is pr so th}
do_test func-2.1 {
    execsql {SELECT substr(t1,2,1) FROM tbl1 ORDER BY t1}
} {r s r o h}
do_test func-2.2 {
    execsql {SELECT substr(t1,3,3) FROM tbl1 ORDER BY t1}
} {ee {} ogr ftw is}
do_test func-2.3 {
    execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.4 {
    execsql {SELECT substr(t1,-1,2) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.5 {
    execsql {SELECT substr(t1,-2,1) FROM tbl1 ORDER BY t1}
} {e i a r i}
do_test func-2.6 {
    execsql {SELECT substr(t1,-2,2) FROM tbl1 ORDER BY t1}
} {ee is am re is}
do_test func-2.7 {
    execsql {SELECT substr(t1,-4,2) FROM tbl1 ORDER BY t1}
} {fr {} gr wa th}
do_test func-2.8 {
    execsql {SELECT t1 FROM tbl1 ORDER BY substr(t1,2,20)}
} {this software free program is}
do_test func-2.9 {
    execsql {SELECT substr(a,1,1) FROM t2}
} {1} {3} {6}
do_test func-2.10 {
    execsql {SELECT substr(a,2,2) FROM t2}
} {{}} {45} {78}

# Only do the following tests if TCL has UTF-8 capabilities
#
if{"\u1234"!="u1234"} {

# Put some UTF-8 characters in the database
#
do_test func-3.0 {
    execsql {DELETE FROM tbl1}
    foreach word "contains UTF-8 characters hi\u1234ho" {
        execsql "INSERT INTO tbl1 VALUES('$word')"
    }
    execsql {SELECT t1 FROM tbl1 ORDER BY t1}
} "UTF-8 characters contains hi\u1234ho"
do_test func-3.1 {
    execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {5 10 8 5}
do_test func-3.2 {
    execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {UT ch co hi}
do_test func-3.3 {
    execsql {SELECT substr(t1,1,3) FROM tbl1 ORDER BY t1}
} "UTF cha con hi\u1234"
do_test func-3.4 {
    execsql {SELECT substr(t1,2,2) FROM tbl1 ORDER BY t1}
} "TF ha on i\u1234"
do_test func-3.5 {
    execsql {SELECT substr(t1,2,3) FROM tbl1 ORDER BY t1}
} "TF- har ont i\u1234h"
do_test func-3.6 {
    execsql {SELECT substr(t1,3,2) FROM tbl1 ORDER BY t1}
} "F- ar nt \u1234h"
do_test func-3.7 {
    execsql {SELECT substr(t1,4,2) FROM tbl1 ORDER BY t1}
} "-8 ra ta ho"
do_test func-3.8 {
    execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} "8 s s o"
do_test func-3.9 {
    execsql {SELECT substr(t1,-3,2) FROM tbl1 ORDER BY t1}
} "F- er in \u1234h"
do_test func-3.10 {
execsql {SELECT substr(t1,-4,3) FROM tbl1 ORDER BY t1}
} "TF- ter ain iu1234h"
do_test func-3.99 {
execsql {DELETE FROM tbl1}
foreach word {this program is free software} {
    execsql "INSERT INTO tbl1 VALUES('$word')"
}
execsql {SELECT t1 FROM tbl1}
} {this program is free software}
}
} #: End \\ሴ!=u1234

# Test the abs() and round() functions.
#
ifcapable !floatingpoint {
do_test func-4.1 {
execsql {
    CREATE TABLE t1(a,b,c);
    INSERT INTO t1 VALUES(1,2,3);
    INSERT INTO t1 VALUES(2,12345678901234,-1234567890);
    INSERT INTO t1 VALUES(3,-2,-5);
}
catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
}
ifcapable floatingpoint {
do_test func-4.1 {
execsql {
    CREATE TABLE t1(a,b,c);
    INSERT INTO t1 VALUES(1,2,3);
    INSERT INTO t1 VALUES(2,1.2345678901234,-12345.67890);
    INSERT INTO t1 VALUES(3,-2,-5);
}
catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
}
do_test func-4.2 {
catchsql {SELECT abs() FROM t1}
} {1 {wrong number of arguments to function abs()}}
ifcapable floatingpoint {
do_test func-4.3 {
catchsql {SELECT abs(b) FROM t1 ORDER BY a}
} {0 {2 1.2345678901234 2}}
do_test func-4.4 {
catchsql {SELECT abs(c) FROM t1 ORDER BY a}
} {0 {3 12345.67895}}
}
ifcapable !floatingpoint {

Open Source Used In CloudCenter Suite Admin 5.3.0 7613
if [{working_64bit_int}] {
  do_test func-4.3 {
    catchsql {SELECT abs(b) FROM t1 ORDER BY a}
  } {0 [2 12345678901234 2]}
}

do_test func-4.4 {
  catchsql {SELECT abs(c) FROM t1 ORDER BY a}
} {0 [3 1234567890 5]}

do_test func-4.4.1 {
  execsql {SELECT abs(a) FROM t2}
} {1 [345 67890]}

do_test func-4.4.2 {
  execsql {SELECT abs(t1) FROM tbl1}
} {0.0 0.0 0.0 0.0 0.0}

ifcapable floatingpoint {
  do_test func-4.5 {
    catchsql {SELECT round(a,b,c) FROM t1}
  } {1 [wrong number of arguments to function round()]}  
  do_test func-4.6 {
    catchsql {SELECT round(b,2) FROM t1 ORDER BY b}
  } {0 [-2.0 1.23 2.0]}
  do_test func-4.7 {
    catchsql {SELECT round(b,0) FROM t1 ORDER BY a}
  } {0 [2.0 1.0 -2.0]}
  do_test func-4.8 {
    catchsql {SELECT round(c) FROM t1 ORDER BY a}
  } {0 [3.0 -12346.0 -5.0]}
  do_test func-4.9 {
    catchsql {SELECT round(c,a) FROM t1 ORDER BY a}
  } {0 [3.0 -12345.68 -5.0]}
  do_test func-4.10 {
    catchsql {SELECT round(ab,2) FROM t1 ORDER BY b}
  } {0 [x3.0y x-12345.68y x-5.0y]}
  do_test func-4.11 {
    catchsql {SELECT round() FROM t1 ORDER BY a}
  } {1 [wrong number of arguments to function round()]}  
  do_test func-4.12 {
    execsql {SELECT coalesce(round(a,2),'nil') FROM t2}
  } {1.0 nil 345.0 nil 67890.0}
  do_test func-4.13 {
    execsql {SELECT round(t1,2) FROM tbl1}
  } {0.0 0.0 0.0 0.0 0.0}
  do_test func-4.14 {
    execsql {SELECT typeof(round(5.1,1));}
  } {real}
  do_test func-4.15 {
}
execsql {SELECT typeof(round(5.1));}   
} {real}
do_test func-4.16 {
catchsql {SELECT round(b,2.0) FROM t1 ORDER BY b;}
} {0 [-2.0 1.23 2.0]}

# Verify some values reported on the mailing list.
# Some of these fail on MSVC builds with 64-bit
# long doubles, but not on GCC builds with 80-bit
# long doubles.
for {set i 1} {$i<999} {incr i} {
    set x1 [expr 40222.5 + $i]
    set x2 [expr 40223.0 + $i]
    do_test func-4.17.$i {
        execsql {SELECT round($x1);}
    } $x2
}
for {set i 1} {$i<999} {incr i} {
    set x1 [expr 40222.05 + $i]
    set x2 [expr 40222.10 + $i]
    do_test func-4.18.$i {
        execsql {SELECT round($x1,1);}
    } $x2
}
do_test func-4.20 {
    execsql {SELECT round(40223.49999999999);}
} {40223.0}
do_test func-4.21 {
    execsql {SELECT round(40224.49999999999);}
} {40224.0}
do_test func-4.22 {
    execsql {SELECT round(40225.49999999999);}
} {40225.0}
for {set i 1} {$i<10} {incr i} {
    do_test func-4.23.$i {
        execsql {SELECT round(40223.49999999999,$i);}
    } {40223.5}
}
do_test func-4.24.$i {
    execsql {SELECT round(40224.49999999999,$i);}
} {40224.5}
do_test func-4.25.$i {
    execsql {SELECT round(40225.49999999999,$i);}
} {40225.5}
}
for {set i 10} {$i<32} {incr i} {
    do_test func-4.26.$i {
        execsql {SELECT round(40223.49999999999,$i);}
    } {40223.49999999999}
do_test func-4.27.$i {
execsql {SELECT round(40224.4999999999,$i);} 
} {40224.4999999999}
do_test func-4.28.$i {
execsql {SELECT round(40225.4999999999,$i);} 
} {40225.4999999999}
}
do_test func-4.29 {
execsql {SELECT round(1234567890.5);} 
} {1234567891.0}
do_test func-4.30 {
execsql {SELECT round(12345678901.5);} 
} {12345678902.0}
do_test func-4.31 {
execsql {SELECT round(123456789012.5);} 
} {1234567890123.0}
do_test func-4.32 {
execsql {SELECT round(1234567890123.5);} 
} {12345678901234.0}
do_test func-4.33 {
execsql {SELECT round(12345678901234.5);} 
} {123456789012345.0}
do_test func-4.34 {
execsql {SELECT round(99999999999994.5);} 
} {99999999999995.0}
do_test func-4.35 {
execsql {SELECT round(9999999999999.55,1);} 
} {9999999999999.6}
do_test func-4.36 {
execsql {SELECT round(9999999999999.556,2);} 
} {9999999999999.56}
}

# Test the upper() and lower() functions
#
do_test func-5.1 {
execsql {SELECT upper(t1) FROM tbl1} 
} {THIS PROGRAM IS FREE SOFTWARE}
do_test func-5.2 {
execsql {SELECT lower(upper(t1)) FROM tbl1} 
} {this program is free software}
do_test func-5.3 {
execsql {SELECT upper(a), lower(a) FROM t2}
ifcapable !icu {
    do_test func-5.4 {
        catchsql {SELECT upper(a,5) FROM t2}
        {1 {wrong number of arguments to function upper()}}
    }
    do_test func-5.5 {
        catchsql {SELECT upper(*) FROM t2}
        {1 {wrong number of arguments to function upper()}}
    }
    # Test the coalesce() and nullif() functions
    #
    do_test func-6.1 {
        execsql {SELECT coalesce(a,'xyz') FROM t2}
        {1 xyz 345 xyz 67890}
    }
    do_test func-6.2 {
        execsql {SELECT coalesce(upper(a),'nil') FROM t2}
        {1 nil 345 nil 67890}
    }
    do_test func-6.3 {
        execsql {SELECT coalesce(nullif(1,1),'nil')}
        {nil}
    }
    do_test func-6.4 {
        execsql {SELECT coalesce(nullif(1,2),'nil')}
        {1}
    }
    do_test func-6.5 {
        execsql {SELECT coalesce(nullif(1,NULL),'nil')}
        {1}
    }
    # Test the last_insert_rowid() function
    #
    do_test func-7.1 {
        execsql {SELECT last_insert_rowid()}
        [db last_insert_rowid]
    }
    # Tests for aggregate functions and how they handle NULLs.
    #
    ifcapable floatingpoint {
        do_test func-8.1 {
            ifcapable explain {
                execsql {EXPLAIN SELECT sum(a) FROM t2;}
            }
            execsql {
                SELECT sum(a), count(a), round(avg(a),2), min(a), max(a), count(*) FROM t2;
            }
            {68236 3 22745.33 l 67890 5}
        }
    }
    ifcapable !floatingpoint {

do_test func-8.1 {
  ifcapable explain {
    execsql {EXPLAIN SELECT sum(a) FROM t2;}
  }
  execsql {
    SELECT sum(a), count(a), avg(a), min(a), max(a), count(*) FROM t2;
  } {68236 3 22745.0 1 67890 5}
}

do_test func-8.2 {
  execsql {
    SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t2;
  } {z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
}

ifcapable tempdb {
  do_test func-8.3 {
    execsql {
      CREATE TEMP TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
      SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
    } {z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
  } else {
    do_test func-8.3 {
      execsql {
        CREATE TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
        SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
      } {z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
    }
  }
}

do_test func-8.4 {
  execsql {
    SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
  } {z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
}

ifcapable compound {
  do_test func-8.5 {
    execsql {
      SELECT sum(x) FROM (SELECT '9223372036' || '854775807' AS x
          UNION ALL SELECT -9223372036854775807)
    }
  }
  do_test func-8.6 {
    execsql {
      SELECT typeof(sum(x)) FROM (SELECT '9223372036' || '854775807' AS x
          UNION ALL SELECT -9223372036854775807)
    }
  }
} {integer}
do_test func-8.7 {
    execsql {
        SELECT typeof(sum(x)) FROM (SELECT '9223372036' || '854775808' AS x
                                    UNION ALL SELECT -9223372036854775807)
    }
} {real}
ifcapable floatingpoint {
    do_test func-8.8 {
        execsql {
            SELECT sum(x)>0.0 FROM (SELECT '9223372036' || '854775808' AS x
                                    UNION ALL SELECT -9223372036850000000)
        }
    } {1}
}
ifcapable !floatingpoint {
    do_test func-8.8 {
        execsql {
            SELECT sum(x)>0 FROM (SELECT '9223372036' || '854775808' AS x
                                    UNION ALL SELECT -9223372036850000000)
        }
    } {1}
}

# How do you test the random() function in a meaningful, deterministic way?
#
do_test func-9.1 {
    execsql {
        SELECT random() is not null;
    } {1}
}
do_test func-9.2 {
    execsql {
        SELECT typeof(random());
    } {integer}
}
do_test func-9.3 {
    execsql {
        SELECT randomblob(32) is not null;
    } {1}
}
do_test func-9.4 {
    execsql {
        SELECT typeof(randomblob(32));
    } {blob}
}
do_test func-9.5 {
    execsql {

SELECT length(randomblob(32)), length(randomblob(-5)),
        length(randomblob(2000))
}
} {32 1 2000}

# The "hex()" function was added in order to be able to render blobs
# generated by randomblob(). So this seems like a good place to test
# hex().
#
if capable bloblit {
    do_test func-9.10 {
        execsql {SELECT hex(x'00112233445566778899aAbBcCdDeEfF')}
    } {00112233445566778899AABBCCDDEEFF}
}

set encoding [db one {PRAGMA encoding}]
if {$encoding=="UTF-16le"} {
    do_test func-9.11-utf16le {
        execsql {SELECT hex((replace('abcdefg','ef','12')))}
    } {6100620063006400310032006700}
    do_test func-9.12-utf16le {
        execsql {SELECT hex((replace('abcdefg','.','12')))}
    } {6100620063006400400300066006700}
    do_test func-9.13-utf16le {
        execsql {SELECT hex((replace('aababcdefg','a','aaa')))}
    } {61006100610610061006100620063006400650006606700}
} elseif {$encoding=="UTF-8"} {
    do_test func-9.11-utf8 {
        execsql {SELECT hex((replace('abcdefg','ef','12')))}
    } {61626364313267}
    do_test func-9.12-utf8 {
        execsql {SELECT hex((replace('abcdefg','.ef','12')))}
    } {61626364656667}
    do_test func-9.13-utf8 {
        execsql {SELECT hex((replace('aababcdefg','a','aaa')))}
    } {6161616161626364656667}
}

# Use the "sqlite_register_test_function" TCL command which is part of
# the text fixture in order to verify correct operation of some of
# the user-defined SQL function APIs that are not used by the built-in
# functions.
#
set ::DB [sqlite3_connection_pointer db]
sqlite_register_test_function $::DB testfunc
do_test func-10.1 {
catchsql {
    SELECT testfunc(NULL,NULL);
}
do_test func-10.2 {
  execsql {
    SELECT testfunc(
      'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
      'int', 1234
    );
  }
} {1234}

do_test func-10.3 {
  execsql {
    SELECT testfunc(
      'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
      'string', NULL
    );
  }
} {{}}

ifcapable floatingpoint {
  do_test func-10.4 {
    execsql {
      SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'double', 1.234
      );
    }
  } {1.234}
  do_test func-10.5 {
    execsql {
      SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'string', NULL,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'double', 1.234,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'string', NULL,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'double', 1.234
      );
    }
  } {1.234}
}

# Test the built-in sqlite_version(*) SQL function.
# Test that destructors passed to sqlite3 by calls to sqlite3_result_text() etc. are called. These tests use two special user-defined functions (implemented in func.c) only available in test builds.

# Function test_destructor() takes one argument and returns a copy of the text form of that argument. A destructor is associated with the return value. Function test_destructor_count() returns the number of outstanding destructor calls for values returned by test_destructor().

if {\[db eval {PRAGMA encoding}\]=="UTF-8"} {
    do_test func-12.1-utf8 {
        execsql {
            SELECT test_destructor('hello world'), test_destructor_count();
        } {{hello world} 1}
    }
    do_test func-12.2 {
        execsql {
            SELECT test_destructor_count();
        } {0}
    }
    do_test func-12.3 {
        execsql {
            SELECT test_destructor('hello')||' world'
        } {{hello world}}
    }
    do_test func-12.4 {
        execsql {
            SELECT test_destructor_count();
        } {0}
    }
    do_test func-12.5 {
        execsql {
            ....
        } {0}
    }
}
else {
    ifcapable {utf16} {
        do_test func-12.1-utf16 {
            execsql {
                SELECT test_destructor16('hello world'), test_destructor_count();
            } {{hello world} 1}
        }
    }
}

CREATE TABLE t4(x);
INSERT INTO t4 VALUES(test_destructor('hello'));
INSERT INTO t4 VALUES(test_destructor('world'));
SELECT min(test_destructor(x)), max(test_destructor(x)) FROM t4;
}
} {hello world}
do_test func-12.6 {
execsql {
    SELECT test_destructor_count();
}
} {0}
do_test func-12.7 {
execsql {
    DROP TABLE t4;
}
} {}

# Test that the auxdata API for scalar functions works. This test uses
# a special user-defined function only available in test builds,
# test_auxdata(). Function test_auxdata() takes any number of arguments.
do_test func-13.1 {
execsql {
    SELECT test_auxdata('hello world');
}
} {0}
do_test func-13.2 {
execsql {
    CREATE TABLE t4(a, b);
    INSERT INTO t4 VALUES('abc', 'def');
    INSERT INTO t4 VALUES('ghi', 'jkl');
}
} {}
do_test func-13.3 {
execsql {
    SELECT test_auxdata('hello world') FROM t4;
}
} {0 1}
do_test func-13.4 {
execsql {
    SELECT test_auxdata('hello world', 123) FROM t4;
}
} {{0 0} {1 1}}
do_test func-13.5 {
execsql {
    SELECT test_auxdata('hello world', a) FROM t4;
}
do_test func-13.6 {
    execsql {
        SELECT test_auxdata('hello'||'world', a) FROM t4;
    }
} {{0 0} {1 0}}

# Test that auxiliary data is preserved between calls for SQL variables.
do_test func-13.7 {
    set DB [sqlite3_connection_pointer db]
    set sql "SELECT test_auxdata( ?, a ) FROM t4;"
    set STMT [sqlite3_prepare $DB $sql -1 TAIL]
    sqlite3_bind_text $STMT 1 hello\000 -1
    set res [list]
    while { "SQLITE_ROW"==[sqlite3_step $STMT] } {
        lappend res [sqlite3_column_text $STMT 0]
    }
    lappend res [sqlite3_finalize $STMT]
} {{0 0} {1 0} SQLITE_OK}

# Make sure that a function with a very long name is rejected
do_test func-14.1 {
    catch {
        db function [string repeat X 254] {return "hello"} 
    } {0}
} {{0 0} {1 0}}
do_test func-14.2 {
    catch {
        db function [string repeat X 256] {return "hello"} 
    } {1}
}

do_test func-15.1 {
    catchsql {select test_error(NULL)}
} {1 {}}
do_test func-15.2 {
    catchsql {select test_error('this is the error message')} 
} {1 {this is the error message}}
do_test func-15.3 {
    catchsql {select test_error('this is the error message',12)}
} {1 {this is the error message}}
do_test func-15.4 {
    db errorcode
} {12}

# Test the quote function for BLOB and NULL values.
do_test func-16.1 {
    execsql {

CREATE TABLE tbl2(a, b);
}
set STMT [sqlite3_prepare $::DB "INSERT INTO tbl2 VALUES(?, ?)" -1 TAIL]
sqlite3_bind_blob $::STMT 1 abc 3
sqlite3_step $::STMT
sqlite3_finalize $::STMT
eexecsql {
   SELECT quote(a), quote(b) FROM tbl2;
}
} {X'616263' NULL}

# Correctly handle function error messages that include %. Ticket #1354
#
# do_test func-17.1 {
# proc testfunc1 args {error "Error %d with %s percents %p"}
db function testfunc1 ::testfunc1
catchsql {
   SELECT testfunc1(1,2,3);
}
} {1 {Error %d with %s percents %p}}

# The SUM function should return integer results when all inputs are integer.
#
# do_test func-18.1 {
# execsql {
   CREATE TABLE t5(x);
   INSERT INTO t5 VALUES(1);
   INSERT INTO t5 VALUES(-99);
   INSERT INTO t5 VALUES(10000);
   SELECT sum(x) FROM t5;
}
} {9902}
ifcapable floatingpoint {
# The sum of nothing is NULL. But the sum of all NULLs is NULL.
#
# The TOTAL of nothing is 0.0.
#
# do_test func-18.3 {
execsql {
   DELETE FROM t5;
}
SELECT sum(x), total(x) FROM t5;
}
} {{} 0.0
do_test func-18.4 {
execsql {
    INSERT INTO t5 VALUES(NULL);
    SELECT sum(x), total(x) FROM t5
}
} {{} 0.0
}
} {{} 0.0
do_test func-18.5 {
execsql {
    INSERT INTO t5 VALUES(NULL);
    SELECT sum(x), total(x) FROM t5
}
} {{} 0.0
}
} {{} 0.0
}
} 123 123.0

# Ticket #1664, #1669, #1670, #1674: An integer overflow on SUM causes
# an error. The non-standard TOTAL() function continues to give a helpful
# result.
#
# do_test func-18.10 {
execsql {
    CREATE TABLE t6(x INTEGER);
    INSERT INTO t6 VALUES(1);
    INSERT INTO t6 VALUES(1<<62);
    SELECT sum(x) - ((1<<62)+1) from t6;
}
} 0
}
} {{} 0
}
}
} integer
ifcapable floatingpoint {
}
} 1 {integer overflow}
)

do_test func-18.12 {
}
}
} integer
ifcapable floatingpoint {
}
}
} integer
ifcapable floatingpoint {
}
}
} integer
ifcapable floatingpoint {
}
}
} integer
ifcapable floatingpoint {
}
}
} integer
ifcapable floatingpoint {

SELECT total(x) - ((1<<62)*2.0+1) FROM t6
}
} 0.0
}
ifcapable !floatingpoint {
do_test func-18.12 {
catchsql {
    INSERT INTO t6 VALUES(1<<62);
    SELECT sum(x) - ((1<<62)*2+1) from t6;
}
} {1 {integer overflow}}
do_test func-18.13 {
exesql {
    SELECT total(x) - ((1<<62)*2+1) FROM t6
}
} 0.0
}
if {[working_64bit_int]} {
do_test func-18.14 {
exesql {
    SELECT sum(-9223372036854775805);
}
} -9223372036854775805
}
ifcapable compound&&subquery {
do_test func-18.15 {
catchsql {
    SELECT sum(x) FROM
        (SELECT 9223372036854775807 AS x UNION ALL
        SELECT 10 AS x);
}
} {1 {integer overflow}}
if {[working_64bit_int]} {
do_test func-18.16 {
catchsql {
    SELECT sum(x) FROM
        (SELECT 9223372036854775807 AS x UNION ALL
        SELECT -10 AS x);
}
} {0 9223372036854775797}
do_test func-18.17 {
catchsql {
    SELECT sum(x) FROM
        (SELECT -9223372036854775807 AS x UNION ALL
        SELECT 10 AS x);
}
} {0 -9223372036854775797}
do_test func-18.18 {
catchsql {
    SELECT sum(x) FROM
    (SELECT -9223372036854775807 AS x UNION ALL
    SELECT -10 AS x);
}
} {1 {integer overflow}}
do_test func-18.19 {
catchsql {
    SELECT sum(x) FROM (SELECT 9 AS x UNION ALL SELECT -10 AS x);
}
} {0 -1}
do_test func-18.20 {
catchsql {
    SELECT sum(x) FROM (SELECT -9 AS x UNION ALL SELECT 10 AS x);
}
} {0 1}
do_test func-18.21 {
catchsql {
    SELECT sum(x) FROM (SELECT -10 AS x UNION ALL SELECT 9 AS x);
}
} {0 -1}
do_test func-18.22 {
catchsql {
    SELECT sum(x) FROM (SELECT 10 AS x UNION ALL SELECT -9 AS x);
}
} {0 1}

#: if capable compound && subquery

# Integer overflow on abs()
#
if {[working_64bit_int]} {
do_test func-18.31 {
catchsql {
    SELECT abs(-9223372036854775807);
}
} {0 9223372036854775807}
do_test func-18.32 {
catchsql {
    SELECT abs(-9223372036854775807-1);
}
} {1 {integer overflow}}

# The MATCH function exists but is only a stub and always throws an error.
#
do_test func-19.1 {
  execsql {
    SELECT match(a,b) FROM t1 WHERE 0;
  }
} {}

do_test func-19.2 {
  catchsql {
    SELECT 'abc' MATCH 'xyz';
  }
} {1 {unable to use function MATCH in the requested context}}

do_test func-19.3 {
  catchsql {
    SELECT 'abc' NOT MATCH 'xyz';
  }
} {1 {unable to use function MATCH in the requested context}}

do_test func-19.4 {
  catchsql {
    SELECT match(1,2,3);
  }
} {1 {wrong number of arguments to function match()}}

# Soundex tests.
#
if ![catch {db eval {SELECT soundex('hello')}}]] {
  set i 0
  foreach {name sdx} {
    euler  E460
    EULER  E460
    Euler  E460
    ellery  E460
    gauss  G200
    ghosh  G200
    hilbert  H416
    Heilbronn  H416
    knuth  K530
    kant  K530
    Lloyd  L300
    LADD  L300
    Lukasiewicz  L222
    Lissajous  L222
    A  A000
    12345  ?000
  } {
    incr i
    do_test func-20.$i {
      execsql {SELECT soundex($name)}
    } $sdx
  }
# Tests of the REPLACE function.

do_test func-21.1 {
catchsql {
    SELECT replace(1,2);
}
} {1 {wrong number of arguments to function replace()}}
do_test func-21.2 {
catchsql {
    SELECT replace(1,2,3,4);
}
} {1 {wrong number of arguments to function replace()}}
do_test func-21.3 {
execsql {
    SELECT typeof(replace("This is the main test string", NULL, "ALT"));
}
} {null}
do_test func-21.4 {
execsql {
    SELECT typeof(replace(NULL, "main", "ALT"));
}
} {null}
do_test func-21.5 {
execsql {
    SELECT typeof(replace("This is the main test string", "main", NULL));
}
} {null}
do_test func-21.6 {
execsql {
    SELECT replace("This is the main test string", "main", "ALT");
}
} {{This is the ALT test string}}
do_test func-21.7 {
execsql {
    SELECT replace("This is the main test string", "main", "larger-main");
}
} {{This is the larger-main test string}}
do_test func-21.8 {
execsql {
    SELECT replace("aaaaaaa", "a", "0123456789");
}
} {0123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789}

ifcapable tclvar {
do_test func-21.9 {
    # Attempt to exploit a buffer-overflow that at one time existed
}
# in the REPLACE function.
set ::str "[string repeat A 29998]CC[string repeat A 35537]"
set ::rep [string repeat B 65536]
exessql {
    SELECT LENGTH(REPLACE($::str, 'C', $::rep));
}
} [expr 29998 + 2*65536 + 35537]
}

# Tests for the TRIM, LTRIM and RTRIM functions.
#
do_test func-22.1 {
catchsql {SELECT trim(1,2,3)}
} {1 {wrong number of arguments to function trim()}}
do_test func-22.2 {
catchsql {SELECT ltrim(1,2,3)}
} {1 {wrong number of arguments to function ltrim()}}
do_test func-22.3 {
catchsql {SELECT rtrim(1,2,3)}
} {1 {wrong number of arguments to function rtrim()}}
do_test func-22.4 {
exessql {SELECT trim('  hi  ')};
} {hi}
do_test func-22.5 {
exessql {SELECT ltrim('  hi  ')};
} { {hi  }}
do_test func-22.6 {
exessql {SELECT rtrim('  hi  ')};
} { {  hi}}
do_test func-22.7 {
exessql {SELECT trim('  hi  ','xyz')};
} { {  hi  }}
do_test func-22.8 {
exessql {SELECT ltrim('  hi  ','xyz')};
} { {  hi  }}
do_test func-22.9 {
exessql {SELECT rtrim('  hi  ','xyz')};
} { {  hi  }}
do_test func-22.10 {
exessql {SELECT trim('xyxzy  hi  zzzy','xyz')};
} { {  hi  }}
do_test func-22.11 {
exessql {SELECT ltrim('xyxzy  hi  zzzy','xyz')};
} { {xyxzy hi  zzzy}}
do_test func-22.12 {
exessql {SELECT rtrim('xyxzy  hi  zzzy','xyz')};
} { {xyxzy hi  zzzy}}
execsql {SELECT trim('hi ','\n');}
} {{ hi }}

if [[db one {PRAGMA encoding}]="UTF-8"] {

do_test func-22.14 {
    execsql {SELECT hex(trim(x'c280e1fbff48fbff6869',x'6162e1fbff280'))}
} {F48FBFB6869}

do_test func-22.15 {
    execsql {SELECT hex(trim(x'c2806869e1fbff48fbff61',x'6162e1fbff280f48fbff'))}
} {6869}

do_test func-22.16 {
    execsql {SELECT hex(trim(x'c280c2806869e1fbff48fbff61',x'6162e1fbff280f48fbff'))}
} {CEB2CEB3}
}

do_test func-22.20 {
    execsql {SELECT typeof(trim(NULL));}
} {null}

do_test func-22.21 {
    execsql {SELECT typeof(trim(NULL,'xyz'));}
} {null}

do_test func-22.22 {
    execsql {SELECT typeof(trim('hello',NULL));}
} {null}

# This is to test the deprecated sqlite3_aggregate_count() API.
#
if capable deprecated {
    do_test func-23.1 {
        sqlite3_create_aggregate db
        execsql {
            SELECT legacy_count() FROM t6;
        }
    } {3}
}

# The group_concat() function.
#
    do_test func-24.1 {
        execsql {
            SELECT group_concat(t1) FROM tbl1
        }
    } {this, program, is, free, software}

do_test func-24.2 {
    execsql {
        SELECT group_concat(t1,' ') FROM tbl1
    }
} {{this program is free software}}

do_test func-24.3 {

execsql {
    SELECT group_concat(t1,' ' || rowid || ' ') FROM tbl1
}
} {{this 2 program 3 is 4 free 5 software}}
do_test func-24.4 {
execsql {
    SELECT group_concat(NULL,t1) FROM tbl1
}
} {}
do_test func-24.5 {
execsql {
    SELECT group_concat(t1,NULL) FROM tbl1
}
} {thisprogramisfreesoftware}
do_test func-24.6 {
execsql {
    SELECT 'BEGIN-''||group_concat(t1) FROM tbl1
}
} {BEGIN-this,program,is,free,software}

# Ticket #3179: Make sure aggregate functions can take many arguments.
# None of the built-in aggregates do this, so use the md5sum() from the
# test extensions.
#
unset -nocomplain midargs
set midargs {}
unset -nocomplain midres
set midres {}
unset -nocomplain result
for {set i 1} {$i<[sqlite3_limit db SQLITE_LIMIT_FUNCTION_ARG -1]} {incr i} {
    append midargs /$i/
    append midres /$i/
    set result [md5 "this${midres}program${midres}is${midres}free${midres}software${midres}"
    set sql "SELECT md5sum(t1$midargs) FROM tbl1"
do_test func-24.7.$i {
    db eval $::sql
} $result
}

# Ticket #3806. If the initial string in a group_concat is an empty
# string, the separator that follows should still be present.
#
do_test func-24.8 {
execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN '' ELSE t1 END) FROM tbl1
}
} {,program,is,free,software}
do_test func-24.9 {
  execsql {
    SELECT group_concat(CASE WHEN t1 != 'software' THEN '' ELSE t1 END) FROM tbl1
  }
} {....,software}

# Ticket #3923. Initial empty strings have a separator. But initial
# NULLs do not.
#
do_test func-24.10 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN null ELSE t1 END) FROM tbl1
  }
} {program,is,free,software}
do_test func-24.11 {
  execsql {
    SELECT group_concat(CASE WHEN t1 != 'software' THEN null ELSE t1 END) FROM tbl1
  }
} {software}
do_test func-24.12 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN '' WHEN 'program' THEN null ELSE t1 END) FROM tbl1
  }
} {,is,free,software}

# Use the test_isolation function to make sure that type conversions
# on function arguments do not effect subsequent arguments.
#
do_test func-25.1 {
  execsql {SELECT test_isolation(t1,t1) FROM tbl1}
} {this program is free software}

# Try to misuse the sqlite3_create_function() interface. Verify that
# errors are returned.
#
do_test func-26.1 {
  abuse_create_function db
} {}

# The previous test (func-26.1) registered a function with a very long
# function name that takes many arguments and always returns NULL. Verify
# that this function works correctly.
#
do_test func-26.2 {
  set a {}
  for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG} {incr i} {

```
lappend a $i
}
db eval "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]);
"
}
}
do_test func-26.3 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG+1} {incr i} {
  lappend a $i
}
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]);
"
}
{1 {too many arguments on function
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]);
}
do_test func-26.4 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG-1} {incr i} {
  lappend a $i
}
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]);
"
}
{1 {wrong number of arguments to function
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]);
}
do_test func-26.5 {
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]));
"
}
{1 {no such function:
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789(
[join $a ,]);
}{
do_test func-26.6 {
  catchsql "SELECT
         NULLx_123456789_123456789_123456789_123456789
         FROM
         "
} {1 {no such function:
         NULLx_123456789_123456789_123456789_123456789
         FROM
         "}
}

do_test func-27.1 {
  catchsql {SELECT coalesce()}
} {1 {wrong number of arguments to function coalesce()}}

do_test func-27.2 {
  catchsql {SELECT coalesce(1)}
} {1 {wrong number of arguments to function coalesce()}}

do_test func-27.3 {
  catchsql {SELECT coalesce(1,2)}
} {0 1}

# Ticket 2d401a94287b5
# Unknown function in a DEFAULT expression causes a segfault.
#
do_test func-28.1 {
  db eval {
    CREATE TABLE t28(x, y DEFAULT(nosuchfunc(1)));
  }
  catchsql {
    INSERT INTO t28(x) VALUES(1);
  }
} {1 {unknown function: nosuchfunc()}}

# Verify that the length() and typeof() functions do not actually load
# the content of their argument.
#
do_test func-29.1 {
  db eval {
    CREATE TABLE t29(id INTEGER PRIMARY KEY, x, y);
    INSERT INTO t29 VALUES(1, 2, 3), (2, NULL, 4), (3, 4.5, 5);
    INSERT INTO t29 VALUES(4, randomblob(1000000), 6);
    INSERT INTO t29 VALUES(5, "hello", 7);
  }
  db close
  sqlite3 db test.db
sqlite3_db_status db CACHE_MISS 1

db eval {SELECT typeof(x), length(x), typeof(y) FROM t29 ORDER BY id}
} {integer 1 integer null [ ] integer real 3 integer blob 1000000 integer text 5 integer

do_test func-29.2 {
  set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
  if {$x<5} {set x 1}
  set x
} {1}

do_test func-29.3 {
  close
  sqlite3 db test.db
  sqlite3_db_status db CACHE_MISS 1
  db eval {SELECT typeof(+) FROM t29 ORDER BY id}
} {integer null real blob text
if {[permutation] != "mmap"} {
  do_test func-29.4 {
    set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
    if {$x>100} {set x many}
    set x
} {many}
}

do_test func-29.5 {
  close
  sqlite3 db test.db
  sqlite3_db_status db CACHE_MISS 1
  db eval {SELECT sum(length(x)) FROM t29}
} {1000009}

do_test func-29.6 {
  set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
  if {$x<5} {set x 1}
  set x
} {1}

do_execsql_test func-30.1 {SELECT unicode('$');} 36
do_execsql_test func-30.2 [subst {SELECT unicode('u00A2');}] 162
do_execsql_test func-30.3 [subst {SELECT unicode('u20AC');}] 8364
do_execsql_test func-30.4 {SELECT char(36,162,8364);} [subst {$u00A2$u20AC}$]

for {set i 1} {$i<0xd800} {incr i 13} {
  do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
for {set i 57344} {$i<=0xfffd} {incr i 17} {
  if {$i==0xfeff} continue
  do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
for {set i 65536} {$i<=0x10ffff} {incr i 139} {
  do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 October 1
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS1 module, and in particular
# the Porter stemmer.
#
# $Id: fts1porter.test,v 1.5 2006/10/03 19:37:37 drh Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS1 is defined, omit this file.
ifcapable !fts1 {
    finish_test
    return
}

# Test data for the Porter stemmer. The first word of each line
# is the input. The second word is the desired output.
#
# This test data is taken from http://www.tartarus.org/martin/PorterStemmer/
# There is no claim of copyright made on that page, but you should
# probably contact the author (Martin Porter - the inventor of the
# Porter Stemmer algorithm) if you want to use this test data in a
# commercial product of some kind. The stemmer code in FTS1 is a
# complete rewrite from scratch based on the algorithm specification
# and does not contain any code under copyright.
#
set porter_test_data {
a a
aaron aaron
abaissiez	abaissiez
abandon	abandon
abandoned	abandon
abase	abas
abash	abash
abate	abat
abated	abat
abatement	abat
abatements	abat
abates	abat
abbess	abbess
abbey	abbei
abbeys	abbei
abominable	abomin
abbot	abbot
abbots	abbot
abbreviated	abbrevi
abed	ab
abel	abel
aberga
taberga
abergavenny	abergavenni
abet	abet
abetting	abet
abominable	abomin
abhor	abhor
abhorr	abhorr
abhorrred	abhorr
abhorrning	abhorr
abhors	abhorr
abhorson	abhorson
abide	abid
abides	abid
abilities	abil
ability	abil
abject	abject
abjectly	abjectli
abjects	abject
abjur	abjur
abjure	abjur
able	abl
abler	abler
aboard	aboard
abode	abod
aboded	abod
abodements	abod
aboding	abod
abominable	abomin
abominably	abomin
abominations  abomin
abortive  abort
abortives  abort
abound  abound
abounding  abound
about  about
above  abov
abr  abr
abraham  abraham
abram  abram
abreast  abreast
abrige  abridge
abridged  abridged
abridgment  abridg
abroach  abroach
abroad  abroad
abrogate  abrog
abrook  abrook
abrupt  abrupt
abruption  abrupt
abruptly  abruptli
absence  absenc
absent  absent
absey  absei
absolute  absolut
absolutely  absolut
absolv  absolv
absolver  absolv
abstains  abstain
abstemious  abstemi
abstinence  abstin
abstract  abstract
absurd  absurd
absyrtus  absyrtu
abundance  abund
abundant  abund
abundantly  abundantli
abu  abu
abuse  abus
abused  abus
abuser  abus
abuses  abus
abusing  abus
abutting  abut
aby  abi
abyss  abysm
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# Create a full-text index to use for testing the stemmer.
#
db close
sqlite3 db :memory:
db eval {
    CREATE VIRTUAL TABLE t1 USING fts1(word, tokenize Porter);
}

foreach {pfrom pto} $porter_test_data {
do_test fts1porter-$pfrom {
    execsql {
        DELETE FROM t1_term;
        DELETE FROM t1_content;
        INSERT INTO t1(word) VALUES($pfrom);
        SELECT term FROM t1_term;
    }
} $pto
}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

<a href="copyright.html">public domain</a>. No claim of ownership is made

Found in path(s):
No license file was found, but licenses were detected in source scan.

SQLite is high-quality, public domain software. The goal of members can also request their own private, proprietary extensions

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-
{string currentfile exch readstring pop}executeonly def

Found in path(s):
  */
No license file was found, but licenses were detected in source scan.

/*
 ** CAPI3REF: Configuration Options
 ** KEYWORDS: [configuration option]
 **
 ** These constants are the available integer configuration options that
 ** can be passed as the first argument to the [sqlite3_config()] interface.
 **
 ** New configuration options may be added in future releases of SQLite.
 ** Existing configuration options might be discontinued. Applications
 ** should check the return code from [sqlite3_config()] to make sure that
 ** the call worked. The [sqlite3_config()] interface will return a
 ** non-zero [error code] if a discontinued or unsupported configuration option
 ** is invoked.
 **
 ** <dl>
 ** [SQLITE_CONFIG_SINGLETHREAD] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
 ** <dd>There are no arguments to this option. ^This option sets the
 ** [threading mode] to Single-thread. In other words, it disables
 ** all muting and puts SQLite into a mode where it can only be used
 ** by a single thread. ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
 ** it is not possible to change the [threading mode] from its default
 ** value of Single-thread and so [sqlite3_config()] will return
 ** [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD
 ** configuration option.</dd>
 **
 ** [SQLITE_CONFIG_MULTITHREAD] <dt>SQLITE_CONFIG_MULTITHREAD</dt>
 ** <dd>There are no arguments to this option. ^This option sets the
 ** [threading mode] to Multi-thread. In other words, it disables
 ** muting on [database connection] and [prepared statement] objects.
 ** The application is responsible for serializing access to
 ** [database connections] and [prepared statements]. But other mutexes
 ** are enabled so that SQLite will be safe to use in a multi-threaded
 ** environment as long as no two threads attempt to use the same
 ** [database connection] at the same time. ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
 ** it is not possible to set the Multi-thread [threading mode] and
 ** [sqlite3_config()] will return [SQLITE_ERROR] if called with the
 ** SQLITE_CONFIG_MULTITHREAD configuration option.</dd>
 **
** [[SQLITE_CONFIG_SERIALIZED]]  <dt>SQLITE_CONFIG_SERIALIZED</dt>  
**  
**  <dd>There are no arguments to this option.  ^This option sets the  
**  [threading mode] to Serialized. In other words, this option enables  
**  all mutexes including the recursive  
**  mutexes on [database connection] and [prepared statement] objects.  
**  In this mode (which is the default when SQLite is compiled with  
**  SQLITE_THREADSAFE=1) the SQLite library will itself serialize access  
**  to [database connection] and [prepared statements] so that the  
**  application is free to use the same [database connection] or the  
**  same [prepared statement] in different threads at the same time.  
**  If SQLite is compiled with  
**  the SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then  
**  it is not possible to set the Serialized [threading mode] and  
**  sqlite3_config() will return SQLITE_ERROR if called with the  
**  SQLITE_CONFIG_SERIALIZED configuration option.</dd>  
**  
** [[SQLITE_CONFIG_MALLOC]]  <dt>SQLITE_CONFIG_MALLOC</dt>  
**  
**  <dd> ^(This option takes a single argument which is a pointer to an  
**  instance of the [sqlite3_mem_methods] structure. The argument specifies  
**  alternative low-level memory allocation routines to be used in place of  
**  the memory allocation routines built into SQLite.)^ ^SQLite makes  
**  its own private copy of the content of the [sqlite3_mem_methods] structure  
**  before the sqlite3_config() call returns.</dd>  
**  
** [[SQLITE_CONFIG_GETMALLOC]]  <dt>SQLITE_CONFIG_GETMALLOC</dt>  
**  
**  <dd> ^(This option takes a single argument which is a pointer to an  
**  instance of the [sqlite3_mem_methods] structure. The [sqlite3_mem_methods]  
**  structure is filled with the currently defined memory allocation routines.)^  
**  This option can be used to overload the default memory allocation  
**  routines with a wrapper that simulations memory allocation failure or  
**  tracks memory usage, for example. </dd>  
**  
** [[SQLITE_CONFIG_MEMSTATUS]]  <dt>SQLITE_CONFIG_MEMSTATUS</dt>  
**  
**  <dd> ^This option takes single argument of type int, interpreted as a  
**  boolean, which enables or disables the collection of memory allocation  
**  statistics. ^(When memory allocation statistics are disabled, the  
**  following SQLite interfaces become non-operational:  
**  <ul>  
**  <li> [sqlite3_memory_used()]  
**  <li> [sqlite3_memory_highwater()]  
**  <li> [sqlite3_soft_heap_limit64()]  
**  <li> [sqlite3_status()]  
**  </ul>)^  
**  ^Memory allocation statistics are enabled by default unless SQLite is  
**  compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory  
**  allocation statistics are disabled by default.</dd>
** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>**

**<dd> ^This option specifies a static memory buffer that SQLite can use for scratch memory. There are three arguments: A pointer to an 8-byte aligned memory buffer from which the scratch allocations will be drawn, the size of each scratch allocation (sz), and the maximum number of scratch allocations (N). The sz argument must be a multiple of 16.

The first argument must be a pointer to an 8-byte aligned buffer of at least sz*N bytes of memory.

^SQLite will use no more than two scratch buffers per thread. So N should be set to twice the expected maximum number of threads.

^SQLite will never require a scratch buffer that is more than 6 times the database page size. ^If SQLite needs needs additional scratch memory beyond what is provided by this configuration option, then [sqlite3_malloc()] will be used to obtain the memory needed.</dd>**

** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>**

**<dd> ^This option specifies a static memory buffer that SQLite can use for the database page cache with the default page cache implementation. This configuration should not be used if an application-define page cache implementation is loaded using the SQLITE_CONFIG_PCACHE2 option.

There are three arguments to this option: A pointer to 8-byte aligned memory, the size of each page buffer (sz), and the number of pages (N). The sz argument should be the size of the largest database page (a power of two between 512 and 32768) plus a little extra for each page header. ^The page header size is 20 to 40 bytes depending on the host architecture. ^It is harmless, apart from the wasted memory, to make sz a little too large. The first argument should point to an allocation of at least sz*N bytes of memory.

^SQLite will use the memory provided by the first argument to satisfy its memory needs for the first N pages that it adds to cache. ^If additional page cache memory is needed beyond what is provided by this option, then SQLite goes to [sqlite3_malloc()] for the additional storage space.

The pointer in the first argument must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined.</dd>**

** [[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt>**

**<dd> ^This option specifies a static memory buffer that SQLite will use for all of its dynamic memory allocation needs beyond those provided by [SQLITE_CONFIG_SCRATCH] and [SQLITE_CONFIG_PAGECACHE].

There are three arguments: An 8-byte aligned pointer to the memory, the number of bytes in the memory buffer, and the minimum allocation size.

^If the first pointer (the memory pointer) is NULL, then SQLite reverts to using its default memory allocator (the system malloc() implementation), undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. ^If the memory pointer is not NULL and either [SQLITE_ENABLE_MEMSYS3] or

Open Source Used In CloudCenter Suite Admin 5.3.0  8132
** [SQLITE_ENABLE_MEMSYS5] are defined, then the alternative memory
** allocator is engaged to handle all of SQLites memory allocation needs.
** The first pointer (the memory pointer) must be aligned to an 8-byte
** boundary or subsequent behavior of SQLite will be undefined.
** The minimum allocation size is capped at 2**12. Reasonable values
** for the minimum allocation size are 2**5 through 2**8.</dd>

**
** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt>
** <dd> ^(This option takes a single argument which is a pointer to an
** instance of the [sqlite3_mutex_methods] structure. The argument specifies
** alternative low-level mutex routines to be used in place
** the mutex routines built into SQLite.)^  ^SQLite makes a copy of the
** content of the [sqlite3_mutex_methods] structure before the call to
** [sqlite3_config()] returns. ^If SQLite is compiled with
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** the entire mutexing subsystem is omitted from the build and hence calls to
** [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will
** return [SQLITE_ERROR].</dd>

**
** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt>
** <dd> ^(This option takes a single argument which is a pointer to an
** instance of the [sqlite3_mutex_methods] structure. The
** [sqlite3_mutex_methods]
** structure is filled with the currently defined mutex routines.)^  ^This option can be used to overload the default mutex allocation
** routines with a wrapper used to track mutex usage for performance
** profiling or testing, for example. ^If SQLite is compiled with
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** the entire mutexing subsystem is omitted from the build and hence calls to
** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will
** return [SQLITE_ERROR].</dd>

**
** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>
** <dd> ^(This option takes two arguments that determine the default
** memory allocation for the lookaside memory allocator on each
** [database connection]. The first argument is the
** size of each lookaside buffer slot and the second is the number of
** slots allocated to each database connection.)^  ^(This option sets the
** <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]
** verb to [sqlite3_db_config()] can be used to change the lookaside
** configuration on individual connections.)^  </dd>

**
** [[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>
** <dd> ^(This option takes a single argument which is a pointer to
** an [sqlite3_pcache_methods2] object. This object specifies the interface
** to a custom page cache implementation.)^  ^SQLite makes a copy of the
** object and uses it for page cache memory allocations.</dd>

**
** [[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>**

** <dd> *(This option takes a single argument which is a pointer to an**

** [sqlite3_pcache_methods2] object. SQLite copies of the current**

** page cache implementation into that object.)* </dd>

**

** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>**

** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite**

** global [error log].**

** *(The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a**

** function with a call signature of void(*)(void*,int,const char*),**

** and a pointer to void. *If the function pointer is not NULL, it is**

** invoked by [sqlite3_log()]) to process each logging event. *If the**

** function pointer is NULL, the [sqlite3_log()]) interface becomes a no-op.**

** *(The void pointer that is the second argument to SQLITE_CONFIG_LOG is**

** passed through as the first parameter to the application-defined logger**

** function whenever that function is invoked. *The second parameter to**

** the logger function is a copy of the first parameter to the corresponding**

** [sqlite3_log()] call and is intended to be a [result code] or an**

** [extended result code]. *The third parameter passed to the logger is**

** log message after formatting via [sqlite3_snprintf()].**

** The SQLite logging interface is not reentrant; the logger function**

** supplied by the application must not invoke any SQLite interface.**

** In a multi-threaded application, the application-defined logger**

** function must be threadsafe. </dd>

**

** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI**

** <dd> This option takes a single argument of type int. If non-zero, then**

** URI handling is globally enabled. If the parameter is zero, then URI handling**

** is globally disabled. If URI handling is globally enabled, all filenames**

** passed to [sqlite3_open()], [sqlite3_open_v2()], [sqlite3_open16()] or**

** specified as part of [ATTACH] commands are interpreted as URIs, regardless**

** of whether or not the [SQLITE_OPEN_URI] flag is set when the database**

** connection is opened. If it is globally disabled, filenames are**

** only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the**

** database connection is opened. By default, URI handling is globally**

** disabled. The default value may be changed by compiling with the**

** [SQLITE_USE_URI] symbol defined.**

**

** [[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN**

** <dd> This option takes a single integer argument which is interpreted as**

** a boolean in order to enable or disable the use of covering indices for**

** full table scans in the query optimizer. The default setting is determined**

** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"**

** if that compile-time option is omitted.**

** The ability to disable the use of covering indices for full table scans**

** is because some incorrectly coded legacy applications might malfunction**

** malfunction when the optimization is enabled. Providing the ability to**

** disable the optimization allows the older, buggy application code to work
** without change even with newer versions of SQLite.
**
** [[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
** <dt(SQLITE_CONFIG_PCACHE) and SQLITE_CONFIG_GETPCACHE
** <dd> These options are obsolete and should not be used by new code.
** They are retained for backwards compatibility but are now no-ops.
** </dd>
**
** [[SQLITE_CONFIG_SQLLOG]]
** <dt(SQLITE_CONFIG_SQLLOG
** <dd>This option is only available if sqlite is compiled with the
** [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
** be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
** The second should be of type (void*). The callback is invoked by the library
** in three separate circumstances, identified by the value passed as the
** fourth parameter. If the fourth parameter is 0, then the database connection
** passed as the second argument has just been opened. The third argument
** points to a buffer containing the name of the main database file. If the
** fourth parameter is 1, then the SQL statement that the third parameter
** points to has just been executed. Or, if the fourth parameter is 2, then
** the connection being passed as the second parameter is being closed. The
** third parameter is passed NULL In this case. An example of using this
** configuration option can be seen in the "test_sqllog.c" source file in
** the canonical SQLite source tree.</dd>
**
** [[SQLITE_CONFIG_MMAP_SIZE]]
** <dt(SQLITE_CONFIG_MMAP_SIZE
** <dd>SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
** that are the default mmap size limit (the default setting for
** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
** The default setting can be overridden by each database connection using
** either the [PRAGMA mmap_size] command, or by using the
** [SQLITE_FCNTL_MMAP_SIZE] file control. The maximum allowed mmap size
** cannot be changed at run-time. Nor may the maximum allowed mmap size
** exceed the compile-time maximum mmap size set by the
** [SQLITE_MAX_MMAP_SIZE] compile-time option.
** If either argument to this option is negative, then that argument is
** changed to its compile-time default.
** </dd>
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-archive-d7GDY6A0/sqlite-src-3071700.zip-cosi-expand-archive-dNlVkuI7/sqlite-src-3071700/src/sqlite.h.in
No license file was found, but licenses were detected in source scan.

<a href="copyright.html">public domain</a> and is thus free for
# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS3 module.
#
# $Id: fts3ac.test,v 1.1 2007/08/20 17:38:42 shess Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS3 is defined, omit this file.
if capable !fts3 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email
# archives of Enron executives that was published as part of the
# litigation against that company.
#
do_test fts3ac-1.1 {
    db eval {
        CREATE VIRTUAL TABLE email USING fts3([from],[to],subject,body);
        BEGIN TRANSACTION;
        INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com, traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.

The volume on the hedge will now respect the minimum volume and volume increment settings on the parent
product. See rules below:

?If the transaction volume on the child is less than half of the parent”s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent”s minimum volume but less than half the volume
increment on the parent, the hedge will volume will be the parent”s minimum volume.
For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

<table>
<thead>
<tr>
<th>Volume on Autohedge transaction</th>
<th>Volume Hedged</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 24990</td>
<td></td>
</tr>
<tr>
<td>2500 - 5499500</td>
<td>5000</td>
</tr>
<tr>
<td>5500 - 64996000</td>
<td></td>
</tr>
</tbody>
</table>

INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com, lisa.king@enron.com, lisa.best@enron.com', 'Leaving Early', 'FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think
you will need my assistance past the 4 o’clock hour just let me know; I’ll
be more than willing to stay.);

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'louise.kitchen@enron.com', '<<Concur Expense Document>> - CC02.06.02', 'The following expense report is ready for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com/);

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work request', 'Julie,
Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide
me with your activity reports so I can have Julie enter this information.

JD');

INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com,
scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....
http://biz.yahoo.com/rt/010129/n29305829.html');

INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com', 'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');

INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001', '')
The producer lumber pricing sheet.

-----Original Message-----
From: Johnson, Jay
Sent: Tuesday, October 16, 2001 3:42 PM
To: Carter, Karen E.
Subject: FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai
Sent: Friday, September 21, 2001 8:33 PM
Subject: Producers Newsletter 9-24-2001

'):
INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com', 'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would be to offer up the Falcon for their use; however, given the tight time frame and your recent visit with Mr. Fox that it would be difficult for either you or me to participate.

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');
INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com', 'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,

Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager

-----Original Message-----
From: Bisbee, Joanne
Sent: Wednesday, September 26, 2001 7:50 AM
To: Fenceroy, LaChandra
Subject: FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?
-----Original Message-----
From: Koh, Wendy
Sent:Tuesday, September 25, 2001 2:41 PM
To:Bisbee, Joanne
Subject:Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy);

-----Original Message-----
From: Fagan, Fran
Sent:Thursday, December 20, 2001 11:10 AM
To:McCarty, Danny
Subject:worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >> << File: mccartyBonusCommercial_UnP.xls >>

');

-----Original Message-----
From: Bert Meyers
Sent:Thursday, October 3, 2001 8:07 AM
To:Team
Subject:OCTOBER SCHEDULE

TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.

BERT);

-----Original Message-----
From: Errol McLaughlin
Sent:Thursday, September 27, 2001 11:13 AM
To: John Arnold, Bilal Bajwa, John Griffith
Subject:TRV Notification: (NG - PROPT P/L - 09/27/2001)

I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!

Here is the information on staffing and outside services. Call if you need anything else.

Jim

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

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You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To: ""chris.germany@enron.com"" <chris.germany@enron.com>
cc:
Subject: About St Pauls

<<About St Pauls.url>>
?
?http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls.url

');

INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com, kmccrea@sablaw.com, thompson@wrightlaw.com', 'Reply Brief filed July 31, 2000', ' - CPUC01-#76371-v1-Revised_Reply_Brief_Due_today_7_31_.doc');

INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@aglresources.com', 'dscott4@enron.com, lcampbel@enron.com', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder
As discussed in the Winter Operations Meeting on Sept.29,2000, E-Gas(Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations(daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.
');

INSERT INTO email([from],[to],subject,body) VALUES('dutch.quigley@enron.com', 'rwolkwitz@powermerchants.com', "", '');
Here is a goody for youalbums:

INSERT INTO email([from],[to],subject,body) VALUES('ryan.o"rourke@enron.com', 'k..allen@enron.com, randy.bhatia@enron.com, frank.ermis@enron.com,','TRV Notification: (West VaR - 11/07/2001)'); The report named: West VaR


INSERT INTO email([from],[to],subject,body) VALUES('mjones7@txu.com', 'cstone1@txu.com, ggreen2@txu.com, timpowell@txu.com,','Enron / HPL Actuals for July 10, 2000', 'Teco Tap  10.000 / Enron ; 110.000 / HPL IFERC

LS HPL LSK IC  30.000 / Enron
');

INSERT INTO email([from],[to],subject,body) VALUES('susan.pereira@enron.com', 'kkw816@aol.com', 'soccer practice', 'Kathy-

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira');

INSERT INTO email([from],[to],subject,body) VALUES('mark.whitt@enron.com', 'barrystycholiz@enron.com', 'Huber Internal Memo', 'Please look at this. I didn't know how deep to go with the desk. Do you think this works.

');

INSERT INTO email([from],[to],subject,body) VALUES('m..forney@enron.com', 'george.phillips@enron.com', 'George,

Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JMForeny
3-7160');

INSERT INTO email([from],[to],subject,body) VALUES('brad.mckay@enron.com', 'angusmcka@aol.com', 'Re: (no subject)', 'not yet');

INSERT INTO email([from],[to],subject,body) VALUES('adam.bayer@enron.com', 'jonathan.mckay@enron.com', 'FW: Curve Fetch File', 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227

-----Original Message-----
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.
Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295

The merged reports look great. I believe the only orientation changes are to
"unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "'Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
<Leila_Mankarious@mihhs.org>, "'Marymankarious (E-mail)"
<marymankarious@aol.com>, "Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy
Mankarious (E-mail)" <Mankarious@aol.com>
cc:
Subject: Egyptian Festival

<<Egyptian Festival.url>>

http://www.egyptianfestival.com/

- Egyptian Festival.url
')

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'sherry.dawson@enron.com', 'Urgent!!! --- New EAST books', 'This has to be done..........................................................
From: William Kelly @ ECT 12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal: East Northeast
Dick Jenkins: East Marketeast

WK

INSERT INTO email([from],[to],subject,body) VALUES('david.forster@enron.com', 'eol.wide@enron.com', 'change to stack manager', 'effective immediately, there is a change to the stack manager which will affect any inactive child.'

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

Dave');
INSERT INTO email([from],[to],subject,body) VALUES('vince.kaminski@enron.com', 'jhh1@email.msn.com', 'Re: Light reading - see pieces beginning on page 7', 'John,

I saw it. Very interesting.

Vince

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc: Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

');
INSERT INTO email([from],[to],subject,body) VALUES('matthew.lenhart@enron.com', 'mmmarcantel@equiva.com', 'RE:', 'i will try to line up a pig for you ');
INSERT INTO email([from],[to],subject,body) VALUES('jae.black@enron.com', 'claudette.harvey@enron.com, chaun.roberts@enron.com, judy.martinez@enron.com,', 'Disaster Recovery Equipment', 'As a reminder...there are several pieces of equipment that are set up on the 30th Floor, as well as on our floor, for the Disaster Recovery Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment for you to use.

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
fax 713-646-8272
cell 713-539-4760');

INSERT INTO email([from],[to],subject,body) VALUES('eric.bass@enron.com', 'dale.neuner@enron.com', '5 X 24', 'Dale,

Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric');

INSERT INTO email([from],[to],subject,body) VALUES('messenger@smartreminders.com', 'm..tholt@enron.com', '10% Coupon - PrintPal Printer Cartridges - 100% Guaranteed', '[IMAGE][IMAGE][IMAGE][IMAGE]

Dear SmartReminders Member,

[IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE]

We respect your privacy and are a Certified Participant of the BBBOnLine Privacy Program. To be removed from future offers,click here.
SmartReminders.com is a permission based service. To unsubscribe click here.

INSERT INTO email([from],[to],subject,body) VALUES('benjamin.rogers@enron.com', 'mark.bernstein@enron.com', '

The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA"s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!

Ben');
You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax: (415) 782-7854
----- Forwarded by Susan J Mara/NA/Enron on 06/08/2001 12:24 PM -----

"Milner, Marcie" <MMilner@coral-energy.com> 06/08/2001 11:13 AM To: ""smara@enron.com"
<smara@enron.com> cc: Subject: CAISO Emergency Motion

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?

Fletch);

Here are the documents that Peter has prepared for Mark Frevert.

Nailia
---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001
Nailia Dindarova  
25/06/2001 15:36  
To: Michael Brown/Enron@EUEnronXGate  
cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT  

Subject: Documents for Mark Frevert (on EU developments and lessons from California)  

Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

')

Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
- Finalize market analysis to refine business case, specifically projected revenue stream
- Complete counterparty surveying, including targeting 3 CPs for letters of intent
- Review Enron asset base for potential reuse/ licensing
- Contract negotiations

Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage.....contract negotiations will probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy
Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc:
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katy tailgate GD at buyers option three days prior to NYMEX close.

agoddard@nisource.com on 03/08/2001 09:16:57 AM
To: " - *Koch, Kent" <kkoch@nisource.com>, " - *Millar, Debra" <dmillar@nisource.com>, " - *Burke, Lynn" <lburke@nisource.com>
cc: " - *Heckathorn, Tom" <theckathorn@nisource.com>
Subject: Columbia Distribution’s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.

Aaron Goddard

- 2001Summer.doc
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com, dana.davis@enron.com, genia.fitzgerald@enron.com, ', 'Split Rock Energy LLC', 'We have received the executed EEI contract from this CP dated 12/12/2000. Copies will be distributed to Legal and Credit.');

INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com, crow@millernash.com, michaelearly@earthlink.net, ', 'Oral Argument Request', ' - Oral Argument Request.doc');

INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com, ', 'Did you come in town this wk end..... My new number at our house is : 713-668-3712...... my cell # is 281-381-7332 the kid');

INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com, ', 'FW: Contact Info, ')

-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info

Cooper,

It's been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.

');

INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net', 'mcguinn.k@enron.com, mcguinn.ian@enron.com, mcguinn.stephen@enron.com, ', 'email address change', 'Hello all.

I haven't talked to many of you via email recently but I do want to give you my new address for your email file:

bjm30@earthlink.net

I hope all is well.

Brian McGuinn');

INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com, Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I'm hearing there is some hold-up & the units are
San Antonio, Texas May 2-4, 2001 Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

I'll get it done today.

DG 3-9573

From: Bryce Baxter 06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');
INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey');
INSERT INTO email([from],[to],subject,body) VALUES('darrell.schoolcraft@enron.com', 'david.roensch@enron.com, kimberly.watson@enron.com, michelle.lokay@enron.com.', 'Postings', 'Please see the attached.

ds

');
INSERT INTO email([from],[to],subject,body) VALUES('mcominsky@aol.com', 'cpatman@bracepatt.com, james_derrick@enron.com', 'Jurisprudence Luncheon', 'Carrin & Jim --

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email,
or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com;

INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonnta@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB rumor mill. Hope things are well, happy holidays.

PL');

INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:

Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');

INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

');

INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', '.bonin@enron.com, felicia.case@enron.com, b..clapp@enron.com', 'Price List week of Oct. 8-9, 2001', '

Please contact me if you have any questions regarding last weeks prices.

Thank you,
Karolyn Criado
3-9441
In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy

I sent you a fax of Kevin Kolb’s comments on the release. The payoff on the note would be $36,248 ($36090(principal) + $158 (accrued interest)). This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance.

Please let me know if you have any questions or feedback,
Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:08 AM
To: Grace, Rebecca M.
Subject: FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio
----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email([from],[to],subject,body) VALUES('stephanie.panus@enron.com', 'william.bradford@enron.com, debbie.brackett@enron.com,’,'Coastal Merchant Energy/El Paso Merchant Energy', 'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie
');
INSERT INTO email([from],[to],subject,body) VALUES('kam.keiser@enron.com', 'c..kenne@enron.com', 'RE: What about this too???','

----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>

');
INSERT INTO email([from],[to],subject,body) VALUES('chris.meyer@enron.com', 'joe.parks@enron.com', 'Centana', 'Talked to Chip. We do need Cash Committe approval given the netting feature of your deal, which means Batch Funding Request. Please update per my previous e-mail and forward.

Thanks

chris
x31666');
INSERT INTO email([from],[to],subject,body) VALUES('debra.perlingiere@enron.com', 'jworman@academyofhealth.com', ",'Have a great weekend! Happy Fathers Day!

Debra Perlingiere
INSERT INTO email([from],[to],subject,body) VALUES('outlook.team@enron.com', '', 'Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia &', 'CALENDAR ENTRY: APPOINTMENT

Description:
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date: 1/5/2001
Time: 9:00 AM - 10:00 AM (Central Standard Time)

Chairperson: Outlook Migration Team

Detailed Description:);
INSERT INTO email([from],[to],subject,body) VALUES('diana.seifert@enron.com', 'mark.taylor@enron.com', 'Guest access Chile', 'Hello Mark,
Justin Boyd told me that your can help me with questions regarding Chile.
We got a request for guest access through MG.
The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.

Thanks!

Best regards

Diana Seifert
EOL PCG);
INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'mark.whitt@enron.com', '"<Concur Expense Document>" - 121001', 'The Approval status has changed on the following report:

Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending
To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com);

INSERT INTO email(from,to,subject,body) VALUES('kevin.hyatt@enron.com', '', 'Technical Support', 'Outside the U.S., please refer to the list below:

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.);

INSERT INTO email(from,to,subject,body) VALUES('geoff.storey@enron.com', 'dutch.quigley@enron.com', 'RE:', 'duke contact?

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corpAlbert LaMore281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent: Wednesday, October 31, 2001 10:10 AM
To: Quigley, Dutch
Subject: RE:

give me a contact over there too
BP

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject:  

Coral
Jeff Whitnah 713-767-5374
Reliant
Steve McGinn 713-207-4000

INSERT INTO email([from],[to],subject,body) VALUES('pete.davis@enron.com', 'pete.davis@enron.com', 'Start Date: 4/22/01; HourAhead hour: 3; <CODESITE>', 'Start Date: 4/22/01; HourAhead hour: 3; No ancillary schedules awarded.
Variances detected.
Variances detected in Load schedule.

LOG MESSAGES:

PARSING FILE --> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

---- Load Schedule ----
$$ Variance found in table tblLoads.
   Details: (Hour: 3 / Preferred:  1.92 / Final:  1.89)  
TRANS_TYPE: FINAL
LOAD_ID: PGE4
MKT_TYPE: 2
TRANS_DATE: 4/22/01
SC_ID: EPMI

');

INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com', 'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');

INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com', 'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I’m seeing Glen at 11:15....talk to you');

INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', 'This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.
*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks. Click below for more details.

http://home.enron.com:84/messaging/litebyzttoolzprint.jpg');

    COMMIT;

} {} {}
do_test fts3ac-1.9 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
  }
} {6 17 24 25 38 40 42 73 74}

# Some simple tests of the automatic "offsets(email)" column. In the sample
# data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
#  do_test fts3ac-2.1 {
#    execsql {
#      SELECT rowid, offsets(email) FROM email
#      WHERE email MATCH 'gas reminder'
#    }
#} {20 [2 0 42 3 2 1 54 8 3 0 42 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3]}
#  do_test fts3ac-2.2 {
#    execsql {
#      SELECT rowid, offsets(email) FROM email
#      WHERE email MATCH 'subject:gas reminder'
#    }
#} {20 [2 0 42 3 2 1 54 8 3 1 54 8]}
#  do_test fts3ac-2.3 {
#    execsql {
#      SELECT rowid, offsets(email) FROM email
#      WHERE email MATCH 'body:gas reminder'
#    }
#} {20 [2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3]}
#  do_test fts3ac-2.4 {
#    execsql {
#      SELECT rowid, offsets(email) FROM email
#      WHERE subject MATCH 'gas reminder'
#    }
#} {20 [2 0 42 3 2 1 54 8]}
#  do_test fts3ac-2.5 {
#    execsql {
#      SELECT rowid, offsets(email) FROM email
#      WHERE body MATCH 'gas reminder'
#    }
#} {20 [3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3]}

# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
#  do_test fts3ac-3.1 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'child product' AND +rowid=32
}
}
} {32 {3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7}}

do_test fts3ac-3.2 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH "child product"
}
}
} {32 {3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7}}

# Snippet generator tests
#
do_test fts3ac-4.1 {
execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
}
}
} {{Alert Posted 10:00 AM November 20,2000: E-<b>GAS</b> Request <b>Reminder</b>}}
do_test fts3ac-4.2 {
execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'christmas candlelight'
}
}
} {{<b>...</b>here <b>Christmas</b>e?? They have an 11:00 a.m. service and a <b>candlelight</b>/<b>service</b>...<b>/}}

do_test fts3ac-4.3 {
execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'deal sheet potential reuse'
}
}
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b> asset base for <b>potential</b>/ licensing
    Contract negotiations<b>...</b>}}
do_test fts3ac-4.4 {
execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'deal sheet potential reuse'
}
}
} {{EOL-Accenture <<<Deal>>> <<<Sheet>>> asset base for <<<potential>>> <<<reuse>>>/ licensing
    Contract negotiations }}
do_test fts3ac-4.5 {
execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'first things'
}
}
} {{Re: <<<First>>> Polish Deal! Congrats! <<<Things>>> seem to be building rapidly now }}
do_test fts3ac-4.6 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'chris is here'
  }
}

do_test fts3ac-4.7 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH '"pursuant to"'
  }
}

Erin:

<Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together>

do_test fts3ac-4.8 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
  }
}

<pete.davis@enron.com>3; No <b>ancillary</b> schedules awarded detected in <b>Load</b> schedule.

LOG

# Combinations of AND and OR operators:
#

do_test fts3ac-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
  }
}

matt.smith@enron.com>31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies

do_test fts3ac-5.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'enron OR com questar'
  }
}

matt.smith@enron.com>31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies

#---------------------------------------------------------------------------------------
# Test a problem reported on the mailing list.

do_test fts3ac-6.1 {
  execsql {
    CREATE VIRTUAL TABLE ft USING fts3(one, two);
    INSERT INTO ft VALUES('foo', 'foo');
    SELECT offsets(ft) FROM ft WHERE ft MATCH 'foo';
  }
} {{1 0 0 3} {0 0 3 1 0 0 3}}
do_test fts3ac-6.2 {
  execsql {
    DELETE FROM ft WHERE one = 'foo';
    SELECT offsets(ft) FROM ft WHERE ft MATCH 'foo';
  }
} {{1 0 0 3}}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

<html>
<title>SQLite Copyright Release Template</title>
<body bgcolor="white">
<h1 align="center">
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</h1>

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</p>

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1.443 dig-rb 1.0.1

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1.444 libmnl 1.0.3 7.el7

1.444.1 Available under license:

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Version 2.1, February 1999

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threshold for this to be true is not precisely defined by law.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License
Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
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3. You may opt to apply the terms of the ordinary GNU General Public
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Once this change is made in a given copy, it is irreversible for
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subsequent copies and derivative works made from that copy.

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

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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That's all there is to it!

1.446 findutils 4.6.0+git+20161106-2
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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and
modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

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c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation’s users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product
model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley <kevind@rahul.net> took over. 2003-07 Andreas Metzler <ametzler@debian.org> followed.

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1.451 perl-encode 2.51 7.el7

1.452 libdrmnmouveau 2.4.97-1
1.452.1 Available under license :

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

--- libdrm-2.4.97.orig/README.rst
+++ libdrm-2.4.97/README.rst
@@ -0,0 +1,61 @@
+libdrm - userspace library for drm
+--------------------------------------------------
+
+This is libdrm, a userspace library for accessing the DRM, direct rendering
+manager, on Linux, BSD and other operating systems that support the ioctl
+interface.
+The library provides wrapper functions for the ioctls to avoid exposing the
+kernel interface directly, and for chipsets with drm memory manager, support
+for tracking relocations and buffers.
+New functionality in the kernel DRM drivers typically requires a new libdrm,
+but a new libdrm will always work with an older kernel.
+
+libdrm is a low-level library, typically used by graphics drivers such as
+the Mesa drivers, the X drivers, libva and similar projects.
+
+Compiling
+
+--------------------
+
+libdrm has two build systems, a legacy autotools build system, and a newer
+meson build system. The meson build system is much faster, and offers a
+slightly different interface, but otherwise provides an equivalent feature set.
+
+To use it:
+
+meson builddir/
+
+By default this will install into /usr/local, you can change your prefix
+with --prefix=/usr (or `meson configure builddir/-Dprefix=/usr` after
+the initial meson setup).
+
+Then use ninja to build and install:
+
+ninja -C builddir/ install
+
+If you are installing into a system location you will need to run install
+separately, and as root.
+
+Alternatively you can invoke autotools configure:
+
+./configure
+By default, libdrm will install into the /usr/local/ prefix. If you
+want to install this DRM to replace your system copy, pass
+-prefix=/usr and --exec-prefix=/ to configure. If you are building
+libdrm from a git checkout, you first need to run the autogen.sh
+script. You can pass any options to autogen.sh that you would other
+wise pass to configure, or you can just re-run configure with the
+options you need once autogen.sh finishes.
+
+Next step is to build libdrm:
+
+make
+
+and once make finishes successfully, install the package using
+
+make install
+
+If you are installing into a system location, you will need to be root
+to perform the install step.

--- libdrm-2.4.97.orig/debian/README.source
+++ libdrm-2.4.97/debian/README.source
@@ -0,0 +1,55 @@
+------------------------------------------------------
+Quick Guide To Patching This Package For The Impatient
+------------------------------------------------------
+
+1. Make sure you have quilt installed
+2. Unpack the package as usual with "dpkg-source -x"
+3. Run the "patch" target in debian/rules
+4. Create a new patch with "quilt new" (see quilt(1))
+5. Edit all the files you want to include in the patch with "quilt edit"
++ (see quilt(1)).
+6. Write the patch with "quilt refresh" (see quilt(1))
+7. Run the "clean" target in debian/rules
+
+Alternatively, instead of using quilt directly, you can drop the patch in to
+debian/patches and add the name of the patch to debian/patches/series.
+
+While building from git, dpkg-source can complain about symlinks vs.
+normal files mismatches. To work around this issue, before uploading,
+and without committing:
+
+$ find -type l | while read dest; do src=$(readlink -f $dest); rm $dest; cp $src $dest; done
+
+Guide To The X Strike Force Packages
+------------------------------------

Open Source Used In CloudCenter Suite Admin 5.3.0 8241
The X Strike Force team maintains X packages in git repositories on git.debian.org in the pkg-xorg subdirectory. Most upstream packages are actually maintained in git repositories as well, so they often just need to be pulled into git.debian.org in a "upstream-*" branch. Otherwise, the upstream sources are manually installed in the Debian git repository.

The .orig.tar.gz upstream source file could be generated using this "upstream-*" branch in the Debian git repository but it is actually copied from upstream tarballs directly.

Due to X.org being highly modular, packaging all X.org applications as their own independent packages would have created too many Debian packages. For this reason, some X.org applications have been grouped into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils, x11-utils, x11-xfs-utils, x11-xkb-utils, x11-xserver-utils.

Most packages, including the X.org server itself and all libraries and drivers are, however maintained independently.

The Debian packaging is added by creating the "debian-*" git branch which contains the aforementioned "upstream-*" branch plus the debian/repository files.

When a patch has to be applied to the Debian package, two solutions are involved:

* If the patch is available in one of the upstream branches, it may be git'cherry-picked into the Debian repository. In this case, it appears directly in the .diff.gz.

* Otherwise, the patch is added to debian/patches/ which is managed with quilt as documented in /usr/share/doc/quilt/README.source.

--- libdrm-2.4.97.orig/debian/changelog
+++ libdrm-2.4.97/debian/changelog
@@ -0,0 +1,1138 @@
libdrm (2.4.97-1) unstable; urgency=medium

[ Andreas Boll ]
+ * New upstream release.
+ * Update libdrm-amdgpu1.symbols and shlibs.
+ * Update libdrm-freedreno1.symbols and shlibs.
+
[ James Clarke ]
+ * Fix build on GNU/kFreeBSD (Closes: #837034, #909249).
+ * Remove no longer needed build-dep libbsd-overlay.
+
-- Andreas Boll <aboll@debian.org> Wed, 23 Jan 2019 12:45:04 +0100
+
+libdrm (2.4.95-1) unstable; urgency=medium
+
+ [ Timo Aaltonen ]
+ * New upstream release.
+ 
+ -- Timo Aaltonen <tjaalton@debian.org> Wed, 14 Mar 2018 09:02:58 +0200 
+ 
+libdrm (2.4.90-1) unstable; urgency=medium 
+ 
+ * New upstream release.
+ * Update libdrm-amdgpu1.symbols and shlibs.
+ * Bump standards version to 4.1.3.
+ * Update extend-diff-ignore.
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Tue, 20 Feb 2018 10:43:56 +0100 
+ 
+libdrm (2.4.89-1) unstable; urgency=medium 
+ 
+ * New upstream release.
+ * Update libdrm2.symbols and shlibs.
+ * Update libdrm-amdgpu1.symbols and shlibs.
+ * Update libdrm-etnaviv1.symbols and shlibs.
+ * Update libdrm-freedreno1.symbols and shlibs.
+ * Bump standards version to 4.1.2.
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Mon, 18 Dec 2017 17:47:40 +0100 
+ 
+libdrm (2.4.88-1) unstable; urgency=medium 
+ 
+ * New upstream release.
+ * Update libdrm-amdgpu1.symbols and shlibs.
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Tue, 14 Nov 2017 10:10:19 +0100 
+ 
+libdrm (2.4.85-1) unstable; urgency=medium 
+ 
+ * New upstream release.
+ * Update libdrm-amdgpu1.symbols and shlibs.
+ * Bump standards version to 4.1.1.
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Mon, 30 Oct 2017 14:01:40 +0100 
+ 
+libdrm (2.4.84-2) unstable; urgency=medium 
+ 
+ * libdrm-amdgpu1.symbols: Updated.
+ 
+ -- Timo Aaltonen <tjaalton@debian.org> Fri, 13 Oct 2017 10:42:37 +0300 
+ 
+libdrm (2.4.84-1) unstable; urgency=medium 
+ 
+ * New upstream release.
+ * libdrm2.symbols: Updated.
+ 
+ -- Timo Aaltonen <tjaalton@debian.org>  Fri, 13 Oct 2017 09:10:17 +0300
+ 
+ * libdrm (2.4.83-1) unstable; urgency=medium
+ 
+ * New upstream release.
+ 
+ -- Timo Aaltonen <tjaalton@debian.org>  Tue, 03 Oct 2017 11:15:26 +0300
+ 
+ * libdrm (2.4.82-1) unstable; urgency=medium
+ 
+ * New upstream release.
+ 
+ * debian/upstream/signing-key.asc: add key from Lucas Stach.
+ 
+ * debian/*/symbols: add new symbols.
+ 
+ * debian/rules: Bump shlibs for the libraries with new symbols.
+ 
+ 
+ -- Emilio Pozuelo Monfort <pochu@debian.org>  Fri, 28 Jul 2017 22:40:20 +0200
+ 
+ * libdrm (2.4.81-2) unstable; urgency=medium
+ 
+ * Upload to unstable.
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Fri, 23 Jun 2017 11:57:14 +0200
+ 
+ * libdrm (2.4.81-1) experimental; urgency=medium
+ 
+ * New upstream release.
+ 
+ * Bump libdrm2's and libdrm-amdgpu1's symbols and shlibs.
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Fri, 09 Jun 2017 10:41:36 +0200
+ 
+ * libdrm (2.4.80-1) experimental; urgency=medium
+ 
+ * New upstream release.
+ 
+ * Bump libdrm-amdgpu1's and libdrm-etnaviv1's symbols and shlibs.
+ 
+ * Remove libpthread-stubs0-dev build-dep per configure.ac.
+ 
+ 
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Wed, 19 Apr 2017 15:35:21 +0200
+ 
+ * libdrm (2.4.77-1) experimental; urgency=medium
+ 
+ * Team upload.
+ 
+ * New upstream release.
+ 
+ * Bump libdrm-amdgpu1 symbols.
+ 
+ * Update debian/upstream/signing-key.asc
libdrm (2.4.76-1) experimental; urgency=medium

* New upstream release.
* Update extend-diff-ignore.

-- Jordan Justen <jordan.l.justen@intel.com>  Wed, 05 Apr 2017 02:30:35 -0700

libdrm (2.4.75-2) experimental; urgency=medium

* Cherry-pick 19c4cfc (intel: Add handle to hashtable before freeing along an error path) from upstream (LP: #1671377).

-- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 30 Mar 2017 10:41:10 +0200

libdrm (2.4.75-1) experimental; urgency=medium

* New upstream release.
* Bump libdrm2's and libdrm-intel1's symbols and shlibs.
* Update extend-diff-ignore.
* Add debian/source/format file.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 21 Mar 2017 18:29:17 +0100

libdrm (2.4.74-2) experimental; urgency=medium

* Switch to dbgsym packages.
* Enable building etnaviv on armhf (Closes: #852685).

[ Andreas Boll ]

* Stop passing --disable-silent-rules to configure, debhelper does it now.
* Don't override dh_auto_install, it defaults to debian/tmp.

[ Emilio Pozuelo Monfort ]

* New upstream release.
* Update debian/upstream/signing-key.asc.
* Bump libdrm2's, libdrm-freedreno1's and libdrm-intel1's symbols and shlibs.
* Bump debhelper compat to 10.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 29 Nov 2016 19:01:04 +0100

libdrm (2.4.74-1) unstable; urgency=medium

* New upstream release.
* Update debian/upstream/signing-key.asc.
* Bump libdrm2's, libdrm-freedreno1's and libdrm-intel1's symbols and shlibs.
* Bump debhelper compat to 10.

-- Emilio Pozuelo Monfort <pochu@debian.org>  Fri, 27 Jan 2017 17:54:01 +0100

libdrm (2.4.74-1) unstable; urgency=medium

* New upstream release.
+libdrm (2.4.73-1) unstable; urgency=medium
  + * New upstream release.
  + * Bump libdrm2’s, libdrm-amdgpu’s, libdrm-freedreno1’s and libdrm-intel1’s symbols and shlibs.
  + * Update a bunch of URLs in packaging to https.
  +
  +-- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 15 Nov 2016 15:43:02 +0100
+
+libdrm (2.4.71-1) unstable; urgency=medium
  + * New upstream release.
  + * Update symbols file and bump shlibs for libdrm2.
  + * Update libdrm-intel1.symbols and shlibs.
  + * Remove Hurd from the architecture list. It FTBFS, haven't built in the past and won't be useful without the equivalent of the Linux Direct Rendering Manager (DRM) subsystem.
  +
  +-- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 06 Oct 2016 10:31:27 +0200
+
+libdrm (2.4.70-1) unstable; urgency=medium
  + * New upstream release.
  + * Update libdrm-freedreno1.symbols and shlibs.
  + * source/local-options: Add more files to extend-diff-ignore option.
  + * Fixes 17 patch-system-but-direct-changes-in-diff lintian warnings.
  +
  +-- Andreas Boll <andreas.boll.dev@gmail.com>  Mon, 25 Jul 2016 12:32:20 +0200
+
+libdrm (2.4.69-1) unstable; urgency=medium
  + [ Andreas Boll ]
  + * New upstream release.
  + * Update debian/upstream/signing-key.asc.
  + * Bump Standards-Version to 3.9.8, no changes needed.
  + * Update watch url to use https instead of http.
  +
  + [ Julien Cristau ]
  + * Build libdrm-tegra on arm64 (closes: #828023). Thanks, Martin Michlmayr!
  +
  +-- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 21 Jul 2016 10:25:17 +0200
+
+libdrm (2.4.68-1) unstable; urgency=medium
  + * New upstream release. (LP: #1577735)
  +
  +-- Timo Aaltonen <tjaalton@debian.org>  Tue, 03 May 2016 14:30:06 +0300
+
+libdrm (2.4.67-1) unstable; urgency=medium
+
+ * New upstream release.
+ * patches: Refreshed.
+ * libdrm-amdgpu1.symbols: Updated.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Tue, 16 Feb 2016 12:14:16 +0200
+
+libdrm (2.4.66-2) unstable; urgency=medium
+
+ * Update libdrm-exynos1.symbols and shlibs.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Fri, 15 Jan 2016 12:08:05 +0100
+
+libdrm (2.4.66-1) unstable; urgency=medium
+
+ * New upstream release.
+ * patches: Refreshed.
+ * libdrm-amdgpu1.symbols: Updated.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Tue, 16 Feb 2016 12:14:16 +0200
+
+libdrm (2.4.65-3) unstable; urgency=medium
+
+ * rules: Bump freedreno shlib back to 2.4.65.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Mon, 26 Oct 2015 23:15:56 +0200
+
+libdrm (2.4.65-2) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * Update libdrm-freedreno1.symbols and shlibs.
+ * Drop Debian revision from new symbols in libdrm2.symbols.
+
+ [ Fathi Boudra ]
+ * Enable freedreno build on arm64 architecture.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Mon, 26 Oct 2015 21:40:43 +0200
+
+libdrm (2.4.65-1) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * New upstream release.
+ * Update debian/upstream/signing-key.asc.
+ * Update symbols file and bump shlibs for libdrm2.
* Enable libdrm-amdgpu1 on kfreebsd-*.
* Fix Vcs-* fields.
* Add upstream url.

---

Timo Aaltonen <tjaalton@debian.org>  Mon, 26 Oct 2015 10:22:57 +0200

```
+ Channel: unstable unstable universe
+ libdrm (2.4.64-1) unstable; urgency=medium
+    [ Robert Hooker ]
+    * New upstream release.
+    * Bump symbols file and shlibs for libdrm-freedreno1.

---

Timo Aaltonen <tjaalton@debian.org>  Wed, 19 Aug 2015 07:52:50 +0300

```

libdrm (2.4.63-1) unstable; urgency=medium

---

Robert Hooker

* New upstream release.
* Drop Fix-headers-inclusion-in-xf86drmMode.c.diff, upstream.
* Add new libdrm-amdgpu1 package.

---

Timo Aaltonen <tjaalton@debian.org>  Sat, 15 Aug 2015 18:55:57 +0300

```
+ libdrm (2.4.62-1) unstable; urgency=medium
+    [ Sven Joachim ]
+    * New upstream release.
+    - nouveau: restore check that avoids multiple user bos per kernel bo
+    (Closes: #789759).
+    * Update symbols file and shlibs for libdrm2.
+    * Refresh the patch from 2.4.60-3 after upstream changes.
+    * Remove duplicate Section fields from debian/control.
+    * Update debian/upstream/signing-key.asc.
+    * Bump Standards-Version to 3.9.6, no changes needed.
+    [ Julien Cristau ]
+    * Update debian/upstream/signing-key.asc.
+    * Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
+    <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
+    Thorsten Glaser.
+    * Add build-dep on xutils-dev for xorg-macros.
+    * Cherry-pick upstream patch to let valgrind auto-detection work.
+    [ Julien Cristau ]
+    [ Timo Aaltonen ]
```

---

Julien Cristau <jcristau@debian.org>  Thu, 02 Jul 2015 21:11:21 +0200

```
+ libdrm (2.4.60-3) unstable; urgency=medium
+    [ Timo Aaltonen ]

---

Julien Cristau

* Update debian/upstream/signing-key.asc.
* Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
  <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
  Thorsten Glaser.
* Add build-dep on xutils-dev for xorg-macros.
* Cherry-pick upstream patch to let valgrind auto-detection work.

---

Julien Cristau <jcristau@debian.org>  Thu, 02 Jul 2015 21:11:21 +0200

```

---

Julien Cristau

* Update debian/upstream/signing-key.asc.
* Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
  <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
  Thorsten Glaser.
* Add build-dep on xutils-dev for xorg-macros.
* Cherry-pick upstream patch to let valgrind auto-detection work.

---

Julien Cristau

* Update debian/upstream/signing-key.asc.
* Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
  <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
  Thorsten Glaser.
* Add build-dep on xutils-dev for xorg-macros.
* Cherry-pick upstream patch to let valgrind auto-detection work.

---

Julien Cristau

* Update debian/upstream/signing-key.asc.
* Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
  <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
  Thorsten Glaser.
* Add build-dep on xutils-dev for xorg-macros.
* Cherry-pick upstream patch to let valgrind auto-detection work.

---

Julien Cristau

* Update debian/upstream/signing-key.asc.
* Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
  <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
+ * control: Add a typo in libdrm-tegra0 description.
+
+ [ Julien Cristau ]
+ * Fix FTBFS on kfreebsd: include <sys/sysctl.h> for sysctlbyname, and use
+ -lbsd to make the tests build (they use getopt, and our libbsd-overlay
+ cflegs redirect that to bsd_getopt).
+ * Bump shlibs for libraries with new symbols.
+ * Add missing dependency of libdrm-dev on libdrm-tegra0 on arm*.
+ * Let uscan verify tarball signatures.
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 26 Apr 2015 12:21:30 +0200
+
+libdrm (2.4.60-2) experimental; urgency=medium
+
+ [ Maarten Lankhorst ]
+ * Fix ftbfs on armhf.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Wed, 08 Apr 2015 09:21:00 +0300
+
+libdrm (2.4.60-1) experimental; urgency=medium
+
+ * New upstream release.
+ * libdrm-intel1.symbols, libdrm2.symbols: Updated.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Fri, 20 Mar 2015 09:07:11 +0200
+
+libdrm (2.4.59-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Add libdrm-tegra0 on arm.
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Wed, 21 Jan 2015 13:24:22 +0100
+
+libdrm (2.4.58-2) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * Update libdrm-freedreno1.symbols and shlibs (fixes FTBFS).
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 05 Oct 2014 19:00:32 +0200
+
+libdrm (2.4.58-1) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * New upstream release.
+ * 03_hide_symbols.diff dropped, upstream.
+ * Update libdrm-intel1.symbols and shlibs.
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 05 Oct 2014 15:53:13 +0200
libdrm (2.4.56-1) unstable; urgency=medium

* New upstream release.
* Enable building freedreno and exynos on arm. (Closes: #741509)
* Add a squashed patch from upstream to hide all private symbols.
  - 03_hide_symbols.diff

-- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Wed, 06 Aug 2014 12:15:26 +0200

libdrm (2.4.54-1) unstable; urgency=medium

[ Andreas Boll ]
* New upstream release.
* Add 02_fix_qxl_drm_h.diff (Closes: #746807).

-- Julien Cristau <jcristau@debian.org>  Sat, 10 May 2014 15:38:16 +0200

libdrm (2.4.53-1) unstable; urgency=medium

[ Timo Aaltonen ]
* New upstream release.
  - 02_kbsd_modeset.diff dropped, upstream

-- Julien Cristau <jcristau@debian.org>  Sun, 27 Apr 2014 22:15:55 +0200

libdrm (2.4.52-1) unstable; urgency=medium

[ Julien Cristau ]
* Remove Cyril Brulebois from Upoloaders.

[ Maarten Lankhorst ]
* New upstream release.

-- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Fri, 24 Jan 2014 13:41:57 +0100

libdrm (2.4.51-1) unstable; urgency=medium

* New upstream release.

-- Julien Cristau <jcristau@debian.org>  Mon, 20 Jan 2014 13:45:50 +0100

libdrm (2.4.50-1) unstable; urgency=low

* New upstream release.

-- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Thu, 19 Dec 2013 10:49:57 +0100

--
+ libdrm (2.4.49-2) unstable; urgency=low
+  * Cherry-pick a commit from upstream to fix a radeonsi regression.
+  * c8a437f4c76: radeon: Update unaligned offset for 2D->1D tiling
+  * transition on SI
+  * Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Tue, 26 Nov 2013 15:25:45 +0100
+ libdrm (2.4.49-1) unstable; urgency=low
+  * New upstream release.
+  * Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Mon, 25 Nov 2013 11:36:32 +0100
+ libdrm (2.4.46-4) unstable; urgency=low
+  * Colin Watson
+  * Declare libdrm-dev Multi-Arch: same.
+  * Maarten Lankhorst
+  * Cherry-pick upstream patch to fix relocations for all cards <nv50.
+  * Do not require valgrind on armel.
+  * Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Thu, 07 Nov 2013 14:11:38 +0100
+ libdrm (2.4.46-3) unstable; urgency=low
+  * Make drmCheckModesettingSupported work on FreeBSD. Thanks, Christoph
+  * Egger!
+  * Stop building libkms.
+  * Julien Cristau <jcristau@debian.org>  Thu, 19 Sep 2013 21:24:52 +0200
+ libdrm (2.4.46-2) unstable; urgency=low
+  * Build libdrm-radeon1 on kfreebsd (closes: #684593).
+  * Julien Cristau <jcristau@debian.org>  Wed, 21 Aug 2013 21:05:44 +0200
+ libdrm (2.4.46-1) unstable; urgency=low
+  * Sven Joachim
+  * New upstream release.
+  * Bump libdrm2's and libdrm-intel1's symbols and shlibs.
+  * Build libdrm-intel1 on x32 (Closes: #712515).
+  * Disable silent rules.
+  * Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Mon, 05 Aug 2013 13:44:46 +0200
+libdrm (2.4.45-3) unstable; urgency=low
+
+ * Team upload.
+
+ * debian/patches/03_build_against_librt.diff:
+   + Removed, no longer needed with our current glibc version.
+   + Thanks to Julien Cristau for pointing it out.
+ * Upload to unstable.
+
+-- Emilio Pozuelo Monfort <pochu@debian.org> Thu, 06 Jun 2013 23:13:12 +0200
+
+libdrm (2.4.45-2) experimental; urgency=low
+
+ [ Sven Joachim ]
+ * Only build-depend on valgrind on architectures where
+   valgrind is actually available.
+
+-- Julien Cristau <jcristau@debian.org> Thu, 30 May 2013 10:03:37 +0200
+
+libdrm (2.4.45-1) experimental; urgency=low
+
+ * Team upload.
+
+ [ Julien Cristau ]
+ * Bump libdrm2 shlibs to 2.4.38.
+
+ [ Maarten Lankhorst ]
+ * New upstream release.
+ * Build-depend on xsltproc and docbook-xsl.
+ * Add valgrind to build-depends.
+
+ [ Timo Aaltonen ]
+ * control: Bump policy to 3.9.4, no changes.
+
+ [ Emilio Pozuelo Monfort ]
+ * Upload to experimental.
+
+-- Emilio Pozuelo Monfort <pochu@debian.org> Thu, 16 May 2013 00:09:59 +0200
+
+libdrm (2.4.40-1) experimental; urgency=low
+
+ [ Maarten Lankhorst ]
+ * New upstream release.
+ * Nouveau ABI change, replace libdrm-nouveau1a with libdrm-nouveau2.
+
+ [ Timo Aaltonen ]
+ * Bump libdrm-intel’s and libdrm-nouveau2’s shlibs due to new symbols.
* Hardcode the version for libdrm-omap1’s shlibs.
+ [ Christopher James Halse Rogers ]
+ * Add libdrm2-udeb; Xserver 1.13 wants libdrm for hotplug config, so
  will be needed for the 1.13 xserver-xorg-core-udeb.
+ [ Sven Joachim ]
+ * Bump libdrm-radeon1’s symbols and shlibs.
  * Mark some internal libdrm-nouveau2 symbols as private.
+ * Drop patch 02_build_libkms_against_in_tree_drm.diff, applied upstream.
+ -- Julien Cristau <jcristau@debian.org> Sat, 17 Nov 2012 18:50:33 +0100
+ +libdrm (2.4.33-3) unstable; urgency=low
+  * Add missing dependency on libdrm-omap1 to libdrm-dev (thanks, Robert
  Hooker!). Make some arm matching a bit simpler.
+  -- Julien Cristau <jcristau@debian.org> Thu, 21 Jun 2012 23:22:22 +0200
+ +libdrm (2.4.33-2) unstable; urgency=low
+  [ Sebastian Reichel ]
  * Build libdrm_omap (closes: #667572).
+  -- Julien Cristau <jcristau@debian.org> Thu, 21 Jun 2012 22:39:22 +0200
+ +libdrm (2.4.33-1) unstable; urgency=low
+  * New upstream release.
+  -- Cyril Brulebois <kibi@debian.org> Mon, 02 Apr 2012 01:28:22 +0000
+ +libdrm (2.4.32-1) unstable; urgency=low
+  [ Robert Hooker ]
  * New upstream release (2.4.31).
  * Bump libdrm2 and libdrm-radeon1 symbols and shlibs to account for
    recent changes.
+  [ Cyril Brulebois ]
  * New upstream release (2.4.32).
  * Bump libdrm-intel1’s symbols and shlibs accordingly.
+  -- Cyril Brulebois <kibi@debian.org> Mon, 19 Mar 2012 19:56:12 +0000
+ +libdrm (2.4.30-1) unstable; urgency=low
+ * New upstream release.
+ * Bump libdrm2's and libdrm-intel1's symbols and shlibs accordingly.
+ * Document the symlink dance when building from git in README.source.
+
+ -- Cyril Brulebois <kibi@debian.org>  Fri, 06 Jan 2012 20:04:37 +0100
+
+libdrm (2.4.29-1) unstable; urgency=low
+
+ * New upstream release:
+ - assert()s are now gone (Closes: #651316).
+ * Update libdrm-intel1's symbols and shlibs accordingly.
+
+ -- Cyril Brulebois <kibi@debian.org>  Tue, 13 Dec 2011 13:16:22 +0100
+
+libdrm (2.4.28-1) unstable; urgency=low
+
+ * New upstream release.
+
+ -- Cyril Brulebois <kibi@debian.org>  Tue, 06 Dec 2011 15:17:50 +0100
+
+libdrm (2.4.27-1) unstable; urgency=low
+
+ * New upstream release:
+ - Push the new Intel API for use by mesa.
+ - Usual bug fixes.
+ * Update libdrm-intel1's symbols and shlibs accordingly.
+
+ -- Cyril Brulebois <kibi@debian.org>  Tue, 01 Nov 2011 19:30:54 +0100
+
+libdrm (2.4.26-1) unstable; urgency=low
+
+ * New upstream release:
+ - Fix two important intel bugs.
+ * Add libpciaccess-dev build-dep.
+ * Update libdrm-intel1.symbols and shlibs for new aperture-related symbol.
+
+ -- Cyril Brulebois <kibi@debian.org>  Fri, 24 Jun 2011 17:07:04 +0200
+
+libdrm (2.4.25-3) unstable; urgency=low
+
+ * Team upload.
+
+ [ Steve Langasek ]
+ * Build for multiarch.
+
+ [ Julien Cristau ]
+ * Add lintian overrides for symbols-declares-dependency-on-other-package (we use that for private symbols).
* Bump Standards-Version to 3.9.2.
+ -- Julien Cristau <jcristau@debian.org> Thu, 09 Jun 2011 20:05:53 +0200
* libdrm (2.4.25-2) unstable; urgency=low
+ * Upload to unstable.
+ -- Cyril Brulebois <kibi@debian.org> Mon, 16 May 2011 19:14:49 +0200
* libdrm (2.4.25-1) experimental; urgency=low
+ * New upstream release.
+ * Update libdrm2.symbols and shlibs.
+ * Update libkms1.symbols, marking dumb_create@Base as private.
+ * Switch to dh:
+ - Bump compat/build-dep to 8.
+ - Use dh-autoreconf.
+ - Tidy old build-deps.
+ - Testsuite now automatically gets run.
+ * Accordingly, add a build-dep to fix FTBFS during make check:
+ - 03_build_against_librt.diff
+ * Add libudev-dev build-dep on Linux so that detection works.
+ * Since the testsuite just got enabled, let's not bail out if it fails.
+ * Remove xsfbs as it's no longer needed.
+ * Bump Standards-Version (no changes needed).
+ -- Cyril Brulebois <kibi@debian.org> Tue, 19 Apr 2011 02:57:29 +0200
* libdrm (2.4.24-2) unstable; urgency=low
+ * Upload to unstable.
+ -- Cyril Brulebois <kibi@debian.org> Sun, 10 Apr 2011 22:57:02 +0200
* libdrm (2.4.24-1) experimental; urgency=low
+ [ Christopher James Halse Rogers ]
+ * New upstream release.
+ * Add new internal radeon symbols to libkms1.symbols
+ [ Cyril Brulebois ]
+ * Just as a reminder, not adding a lintian override for the following
+ warning, since patches were sent upstream to stop exporting private
+ symbols: symbols-declares-dependency-on-other-package
+ -- Cyril Brulebois <kibi@debian.org> Sat, 05 Mar 2011 20:27:23 +0100
+libdrm (2.4.23-3) unstable; urgency=low
+
+ * Cherry-pick from upstream:
+  - intel: Fallback to old exec if no mrb_exec is available
+  - intel: Set the public handle after opening by name
+  - intel: Remember named bo
+  * The first of those fixes should fix some failures to submit batch
+  buffer (Closes: #612766).
+  * Bump dependency to 2.4.23-3 for the drm_intel_bo_mrb_exec symbol in
+  libdrm-intel1's symbols file. While the former version is alright
+  from a shared object point of view, runtime doesn't seem to agree
+  (Closes: #609299).
+  * Bump the libdrm-intel1 shlibs version for consistency.
+
+ -- Cyril Brulebois <kibi@debian.org>  Wed, 16 Feb 2011 11:44:44 +0100
+
+libdrm (2.4.23-2) unstable; urgency=low
+
+ * Upload to unstable.
+ * Update Uploaders list. Thanks, David & Brice!
+
+ -- Cyril Brulebois <kibi@debian.org>  Sat, 05 Feb 2011 11:26:44 +0100
+
+libdrm (2.4.23-1) experimental; urgency=low
+
+  [ Sven Joachim ]
+  * New upstream release.
+  * Rename the libdrm-nouveau1 package to libdrm-nouveau1a, since upstream
+     broke the ABI without changing the soname.
+  - Make libdrm-nouveau1a[-dbg] conflict with libdrm-nouveau1[-dbg] and
+     remove the Breaks against xserver-xorg-video-nouveau.
+  - Adjust the lintian override.
+  - Bump libdrm-nouveau shlibs and symbols versions to 2.4.23.
+  * Use dh_prep instead of the deprecated dh_clean -k in debian/rules.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 23 Dec 2010 17:56:54 +0100
+
+libdrm (2.4.22-2) experimental; urgency=low
+
+ * Cherry-pick some commits from upstream to make the intel video driver
+  2.13.901 buildable:
+  - 057fab33: intel: Prepare for BLT ring split
+  - 36245771: intel: enable relaxed fence allocation for i915
+  - 49447a9b: intel: initialize bfmgr.bo_mrb_exec unconditionally
+
+ -- Cyril Brulebois <kibi@debian.org>  Sun, 07 Nov 2010 22:51:12 +0100
+
+libdrm (2.4.22-1) experimental; urgency=low
[ Sven Joachim ]
+ * New upstream release.
+
+-- Cyril Brulebois <kibi@debian.org> Sat, 02 Oct 2010 00:41:05 +0200
+libdrm (2.4.21-2) experimental; urgency=low
+
+[ Sven Joachim ]
+ * Bump libdrm-nouveau shlibs and symbols versions to 2.4.21-1 to ensure
+ that packages built against this version are not used with squeeze's
+ libdrm-nouveau1.
+ * Add a lintian override for the symbols-file-contains-debian-revision
+ warning. Bump debhelper compatibility level to 6 for dh_lintian.
+
+-- Julien Cristau <jcristau@debian.org> Wed, 25 Aug 2010 23:14:40 +0200
+libdrm (2.4.21-1) experimental; urgency=low
+
+[ Christoph James Halse Rogers ]
+ * debian/rules:
+ - Add libkms to build
+ - Build vmwgfx experimental API. The drm module is available in the 2.6.34
+ kernel so we might as well build the userspace bits.
+ * debian/control:
+ - Add libkms1, libkms1-dbgl packages on linux
+ * debian/patches/02_build_libkms_against_in_tree_drm:
+ - Link libkms against libdrm as it uses symbols from libdrm.
+
+[ Robert Hooker ]
+ * New upstream release.
+ * Refresh 02_build_libkms_against_in_tree_drm.
+ * Update libdrm-intel1.symbols, libdrm-radeon1.symbols and shlibs.
+
+[ Julien Cristau ]
+ * Update the copyright file to hopefully include all licenses variations and
+ copyright statements from the source tree.
+ * Mark new libdrm_radeon symbols private. They shouldn't actually be
+ exported.
+ * Same with libkms. Also don't set a minimum version to 2.4.20, since we
+ didn't ship it before anyway.
+
+-- Julien Cristau <jcristau@debian.org> Thu, 10 Jun 2010 23:24:54 +0200
+libdrm (2.4.20-3) experimental; urgency=low
+
+[ Sven Joachim ]
+ * Update libdrm-nouveau1 to the ABI of Linux 2.6.34.
- Drop 03_revert_abi_change.diff.
- Bump libdrm-nouveau shlibs and symbols versions to 2.4.20-3~
  to ensure that packages built against this version are not used
  with an older libdrm-nouveau1 version.
- Add versioned Breaks against xserver-xorg-video-nouveau to force
  an upgrade of that package and prevent X segfaults.
- Include full SONAME in libdrm-nouveau1.install.
- Update xsfbs to 81fc2717860b52e85c2d11635a0371fb44605e0.

+ -- Julien Cristau <jcristau@debian.org> Wed, 26 May 2010 10:33:22 +0200
+ 
+libdrm (2.4.20-2) experimental; urgency=low
+ 
+ * Upload again, faking a new upstream version, since a screw-up on
  ftpmaster side trashed all files from experimental.
+ 
+ -- Cyril Brulebois <kibi@debian.org> Wed, 28 Apr 2010 01:54:44 +0200
+ 
+libdrm (2.4.20-1) experimental; urgency=low
+ 
+ * New upstream release.
+   + Cherry-pick upstream fixes 107ccd92 and 332739e3.
+   + Update libdrm-intel1.symbols, libdrm-radeon1.symbols and shlibs.
+   + Disable libkms for now.
+ 
+ -- Brice Goglin <bgoglin@debian.org> Fri, 16 Apr 2010 07:14:41 +0200
+ 
+libdrm (2.4.18-5) unstable; urgency=low
+ 
+ * Upload to unstable.
+ 
+ -- Cyril Brulebois <kibi@debian.org> Wed, 14 Apr 2010 13:02:34 +0200
+ 
+libdrm (2.4.18-4) experimental; urgency=low
+ 
+ * Steal 03_revert_abi_change.diff from Ubuntu to revert the nouveau ABI
  change. Current Debian kernels support only the old ABI.
+   + Thanks Sven Joachim!
+   + Build a libdrm-nouveau1 package on Linux architectures (Closes: #568162).
+   + Patch adapted from the Ubuntu package. Thanks Sven Joachim!
+ 
+ -- Brice Goglin <bgoglin@debian.org> Wed, 24 Mar 2010 22:27:00 +0100
+ 
+libdrm (2.4.18-3) unstable; urgency=low
+ 
+ * Include full SONAME in libdrm*.install to prevent accidental breakage.
+   + Add back the drm headers in libdrm-dev.
+ 

---
libdrm (2.4.18-2) unstable; urgency=low

* Fix FTBFS on non-Linux architectures (Closes: #570851): Replace
  --{enable,disable}-radeon-experimental-api configure flag with
  --{enable,disable}-radeon since it got renamed.
* Add ${misc:Depends} where it was missing, and fold all Depends.
* Bump Standards-Version from 3.8.3 to 3.8.4 (no changes needed).
* Add myself to Uploader.

-- Cyril Brulebois <kibi@debian.org>  Mon, 22 Feb 2010 15:31:47 +0100

libdrm (2.4.18-1) unstable; urgency=low

* New upstream release.

-- Brice Goglin <bgoglin@debian.org>  Thu, 18 Feb 2010 08:06:14 +0100

libdrm (2.4.17-1) unstable; urgency=low

* New upstream release, closes: #560434, #567831.
* Update patch 01_default_perms.diff to account for upstream move of libdrm
  to toplevel.
* Update libdrm2.symbols and shlibs.
* Update libdrm-intel1.symbols and shlibs.
* Bump debhelper build-dep, we use dh_strip --remaining-packages (closes:
  #558443). Thanks, Sergio Gelato!
* Enable libdrm_radeon, interface to kernel graphics memory management on
  radeon (closes: #558786).
* Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
  good reason. Thanks, Colin Watson!
* Remove myself from Uploader

-- Brice Goglin

* Bump linux-libc-dev dependency to 2.6.32, thanks Piotr Engelking.
  closes: #561224.
* Add libdrm-radeon1 symbols and update shlibs.
* Update debian/copyright.

-- Timo Aaltonen

* Update libdrm2.symbols and shlibs.

-- Brice Goglin  Sun, 31 Jan 2010 20:12:38 +0100

libdrm (2.4.15-1) unstable; urgency=low


+ * New upstream release.
+ * update libdrm-intel1 symbols and shlibs
+ * Only build libdrm-intel on x86 (linux and kfreebsd).

+ -- Julien Cristau <jcristau@debian.org> Mon, 23 Nov 2009 17:00:57 +0100
+ libdrm (2.4.14-1) unstable; urgency=low
+ * Parse space-separated DEB_BUILD_OPTIONS, and handle parallel=N.
+ * New upstream release.
+ * Bump Standards-Version to 3.8.3.
+ -- Julien Cristau <jcristau@debian.org> Mon, 23 Nov 2009 17:00:57 +0100

+ libdrm (2.4.13-1) unstable; urgency=low
+ [ Christopher James Halse Rogers ]
+ * debian/control:
+ * Remove scary 'built from DRM snapshot' warning from long description of
  libdrm-intel1{,-dbg}
+ [ Julien Cristau ]
+ * New upstream release.
+ * Update libdrm-intel1.symbols.
+ -- Julien Cristau <jcristau@debian.org> Thu, 24 Sep 2009 21:53:09 +0200

+ libdrm (2.4.12-1) unstable; urgency=low
+ * New upstream release.
+ -- Brice Goglin <bgoglin@debian.org> Tue, 21 Jul 2009 15:29:03 +0200

+ libdrm (2.4.11-1) unstable; urgency=low
+ * New upstream release.
+ * Also pull in additional fix for libdrm-intel: Only do BO caching up to
  64MB objects.
+ * Update libdrm-intel1.symbols and bump shlibs.
+ * Remove Thierry Reding from Uploaders, he doesn't seem to be around anymore
  :(
+ -- Julien Cristau <jcristau@debian.org> Mon, 08 Jun 2009 16:22:04 +0200

+ libdrm (2.4.9-2) unstable; urgency=low
+ * Ship all drm headers on kfreebsd, again.
+ * Move -dbg packages to new debug section.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Sun, 03 May 2009 18:55:42 +0200
+ 
+ + [ Brice Goglin ]
+ * New upstream release.
+ * Remove buggy symlinks for the upstream tarball.
+ * Add myself to Uploaders.
+ 
+ -- Julien Cristau
+ * Make the linux-libc-dev dependency linux-only (closes: #521253). Thanks, Petr Salinger!
+ 
+ -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+ 
+ * Add drm_mode.h to the list of headers we don't ship.
+ 
+ -- Brice Goglin <bgoglin@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+ 
+ * New upstream release. (closes: #505740)
+ 
+ -- Brice Goglin <bgoglin@debian.org>  Tue, 24 Mar 2009 22:20:50 +0100
+libdrm (2.3.1-2) unstable; urgency=high
+
+ * Remove from the source package a bunch of files that are only used by the
+   kernel drm component. This gets rid of the mga, r128 and radeon
+   microcode, and thus closes: #502675. Thanks, Ben Hutchings!
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 19 Oct 2008 14:26:37 +0200
+
+libdrm (2.3.1-1) unstable; urgency=low
+
+ [ Brice Goglin ]
+ * Update upstream URL in debian/copyright.
+ * Bump Standards-Version to 3.7.3 (no changes).
+ * Drop the XS- prefix from Vcs-Git and Vcs-Browser fields in debian/control.
+ * Install the upstream ChangeLog.
+
+ [ Julien Cristau ]
+ * New upstream release (needed for mesa 7.1 and newer xserver).
+ * Note: this release removes the memory manager (TTM) interface used by the
+   i915tex dri driver.
+ * debian/rules: don't call configure with --host if we're not
+   cross-building, and fix some rules dependencies.
+
+ [ Timo Aaltonen ]
+ * Bump the shlibs to 2.3.1.
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 13 Jul 2008 19:07:49 +0200
+
+libdrm (2.3.0-4) unstable; urgency=low
+
+ [ David Nusinow ]
+ * Add NEWS.Debian explaining the change in the last upload to interested
+   administrators.
+
+ [ Julien Cristau ]
+ * Upload to unstable.
+
+ -- Julien Cristau <jcristau@debian.org>  Fri, 20 Apr 2007 05:06:34 +0200
+
+libdrm (2.3.0-3) experimental; urgency=low
+
+ * Add myself to uploaders
+ * Patch libdrm to default to device permission 666 so we don't have to do it
+   in xorg.conf. The only way libdrm can do anything is through the server
+   anyway. This can still be overridden by a user's xorg.conf. This change
+   also requires adding quilt to the build-depends
+
+ -- David Nusinow <dnusinow@debian.org>  Sun, 15 Apr 2007 13:08:50 -0400
libdrm (2.3.0-2) unstable; urgency=low

* Update my email address in debian/control.
* Add XS-Vcs-Git and XS-Vcs-Browser in debian/control.
* Upload to unstable.

-- Julien Cristau <jcristau@debian.org> Thu, 12 Apr 2007 19:06:57 +0200

libdrm (2.3.0-1) experimental; urgency=low

[ Thierry Reding ]
* New upstream release.
* Set the Debian X Strike Force as maintainer.
* Add myself to uploaders.
* Add a debugging symbol package for libdrm2.

Julien Cristau

* Bump shlibs to libdrm2 >= 2.3.0.
* Add myself to uploaders.
* Add build-dep on pkg-dev >= 1.13.19 to make sure that the binary:Version
  substvar is available.
* libdrm2-dbgs depends on libdrm2 (= $(binary:Version)).
* Don't install libdrm.la, and use dh_install --list-missing.

-- Julien Cristau <julien.cristau@ens-lyon.org> Thu, 4 Jan 2007 18:56:08 +0100

libdrm (2.2.0-0.1) experimental; urgency=low

* Non-maintainer upload.
* New upstream release.
* Bump Standards-Version to 3.7.2, no changes required.
* Bump debhelper compatibility to 5 and adjust build-dependency.
* Don't try to install pkgconfig files from /usr/share/pkgconfig because
  there is nothing in that directory.

-- Thierry Reding <thierry@gilfi.de> Sat, 18 Nov 2006 19:50:26 +0100

libdrm (2.0.2-0.1) unstable; urgency=low

* Non-maintainer upload.
* New upstream release (closes: #377166).
* Includes a fix for FTBFS on GNU/kFreeBSD (closes: #332994).
* Manually force static build.

-- Andres Salomon <dilinger@debian.org> Sat, 23 Sep 2006 06:32:23 +0000

libdrm (2.0.1-1) unstable; urgency=high
* New upstream release
  - Fixes a pathological hash table smash discovered by the Coverity scanner
  - updates the installed header files for various new #defines

-- David Nusinow <dnusinow@debian.org>  Tue,  4 Apr 2006 23:46:05 -0400

+libdrm (2.0-1) experimental; urgency=low

+ * First upload to Debian

+ -- David Nusinow <dnusinow@debian.org>  Thu,  5 Jan 2006 22:45:27 -0500

+libdrm (2.0-0ubuntu1) dapper; urgency=low

+ * New upstream release.
+ * Change binary package from libdrm1 to libdrm2, following soversion bump.

+ -- Daniel Stone <daniel.stone@ubuntu.com>  Mon, 12 Dec 2005 13:05:22 +1100

+libdrm (1.0.5-0ubuntu1) dapper; urgency=low

+ * New upstream version.

+ -- Daniel Stone <daniel.stone@ubuntu.com>  Wed,  2 Nov 2005 01:56:07 +1100

+libdrm (1.0.3-3) unstable; urgency=low

+ * Yay for understandable bug reports! "gmprf"
+ * debian/control:libdrm1 =~ s/development/runtime/ (closes: bug#325515)

+ -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 16 Sep 2005 09:46:05 -0600

+libdrm (1.0.3-2) unstable; urgency=low

+ * libdrm.pc.in: add -ldrm to Libs

+ -- Marcelo E. Magallon <mmagallo@debian.org>  Thu, 08 Sep 2005 20:49:01 -0600

+libdrm (1.0.3-1) unstable; urgency=low

+ * New upstream

+ -- Marcelo E. Magallon <mmagallo@debian.org>  Sun, 28 Aug 2005 11:12:07 -0600

+libdrm (1.0.2-3) unstable; urgency=low

+ * debian/control: it's "Direct Rendering Infrastructure". I was rather
+ sure it stand for interface... thanks Michel. (closes: bug#324514)
+ * debian/control: forgot to actually write this in the file. Build-Depends
+ on libx11-dev. Thanks Kurt (closes: bug#324560)
+
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Sun, 28 Aug 2005 11:01:41 -0600
+
+libdrm (1.0.2-2) unstable; urgency=low
+
+ * Forgot to fix the other broken bit :-P
+
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 19 Aug 2005 22:01:32 -0600
+
+libdrm (1.0.2-1) unstable; urgency=low
+
+ * Initial release. Closes: #324074
+
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 19 Aug 2005 21:11:18 -0600
+
--- libdrm-2.4.97.orig/debian/compat
+++ libdrm-2.4.97/debian/compat
@@ -0,0 +1 @@
+11
--- libdrm-2.4.97.orig/debian/control
+++ libdrm-2.4.97/debian/control
@@ -0,0 +1,213 @@
+Source: libdrm
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Uploaders: Andreas Boll <aboll@debian.org>
+Build-Depends:
+ dehhelper (>= 11),
+ meson,
+ quilt,
+ xsltproc,
+ docbook-xsl,
+ libx11-dev,
+ pkg-config,
+ xutils-dev (>= 1:7.6+2),
+ libudev-dev [linux-any],
+ libpciaccess-dev,
+ valgrind [amd64 armhf i386 mips mipsel powerpc s390x],
+ Standards-Version: 4.1.4
+Section: libs
+Vcs-Git: https://salsa.debian.org/xorg-team/lib/libdrm
+Vcs-Browser: https://salsa.debian.org/xorg-team/lib/libdrm
+Homepage: https://cgit.freedesktop.org/mesa/drm/
+
+Package: libdrm-dev
Section: libdevel
+Architecture: linux-any kfreebsd-any
+Depends:
  + libdrm2 (= ${binary:Version}),
  + libdrm-intel1 (= ${binary:Version}) [amd64 i386 kfreebsd-amd64 kfreebsd-i386 x32],
  + libdrm-radeon1 (= ${binary:Version}),
  + libdrm-nouveau2 (= ${binary:Version}) [linux-any],
  + libdrm-amdgpu1 (= ${binary:Version}),
  + libdrm-omap1 (= ${binary:Version}) [any-arm],
  + libdrm-freedreno1 (= ${binary:Version}) [any-arm arm64],
  + libdrm-exynos1 (= ${binary:Version}) [any-arm],
  + libdrm-tegra0 (= ${binary:Version}) [any-arm arm64],
  + libdrm-tnaviv1 (= ${binary:Version}) [armhf arm64],
  + ${misc:Depends},
+Multi-Arch: same
+Description: Userspace interface to kernel DRM services -- development files
+ This library implements the userspace interface to the kernel DRM + services. DRM stands for "Direct Rendering Manager", which is the + kernelspace portion of the "Direct Rendering Infrastructure" (DRI). + The DRI is currently used on Linux to provide hardware-accelerated + OpenGL drivers.
+.
+ This package provides the development environment for libdrm.
+
+Package: libdrm2
+Architecture: linux-any kfreebsd-any
+Depends:
  + libdrm-common (>= ${source:Version}),
  + ${shlibs:Depends},
  + ${misc:Depends},
+Multi-Arch: same
+Pre-Depends: ${misc:Pre-Depends}
+Description: Userspace interface to kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM + services. DRM stands for "Direct Rendering Manager", which is the + kernelspace portion of the "Direct Rendering Infrastructure" (DRI). + The DRI is currently used on Linux to provide hardware-accelerated + OpenGL drivers.
+.
+ This package provides the runtime environment for libdrm.
+
+Package: libdrm-common
+Architecture: all
+Depends:
  + ${misc:Depends},
+Multi-Arch: foreign
+Pre-Depends: ${misc:Pre-Depends}
+Description: Userspace interface to kernel DRM services -- common files
This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

This package provides common files for libdrm.

Package: libdrm2-udeb
Package-Type: udeb
Section: debian-installer
Architecture: linux-any kfreebsd-any
Depends:

Package: libdrm-intel1
Architecture: amd64 i386 kfreebsd-amd64 kfreebsd-i386 x32
Depends:

Package: libdrm-nouveau2
Architecture: linux-any
Depends: ${shlibs:Depends},

Package: libdrm-radeon1
Architecture: linux-any kfreebsd-any
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to radeon-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-omap1
+Architecture: any-arm
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to omap-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-freedreno1
+Architecture: any-arm arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to msm/kgsl kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-exynos1
+Architecture: any-arm
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to exynos-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

Package: libdrm-tegra0
+Architecture: any-arm arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to tegra-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

Package: libdrm-amdgpu1
+Architecture: linux-any kfreebsd-any
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to amdgpu-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

Package: libdrm-etnaviv1
+Architecture: armhf arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to etnaviv-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.
This package was downloaded from https://dri.freedesktop.org/libdrm/

It was debianized by Marcelo E. Magallon <mmagallo@debian.org> on Fri, 19 Aug 2005 21:11:18 -0600.

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--- libdrm-2.4.97.orig/debian/libdrm-amdgpu1.install
+++ libdrm-2.4.97/debian/libdrm-amdgpu1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_amdgpu.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-amdgpu1.symbols
+++ libdrm-2.4.97/debian/libdrm-amdgpu1.symbols
@@ -0,0 +1,66 @@
+libdrm_amdgpu.so.1 libdrm-amdgpu1 #MINVER#
+amdgpu_bo_alloc@Base 2.4.63
+amdgpu_bo_cpu_map@Base 2.4.63
+amdgpu_bo_cpu_unmap@Base 2.4.63
+amdgpu_bo_export@Base 2.4.63
+amdgpu_bo_free@Base 2.4.63
+amdgpu_bo_import@Base 2.4.63
+amdgpu_bo_inc_ref@Base 2.4.95
+amdgpu_bo_list_create@Base 2.4.63
+amdgpu_bo_list_create_raw@Base 2.4.97
+amdgpu_bo_list_destroy@Base 2.4.63

Open Source Used In CloudCenter Suite Admin 5.3.0 8277
+ amdgpu_query_sw_info@Base 2.4.90
+ amdgpu_read_mm_registers@Base 2.4.63
+ amdgpu_va_range_alloc@Base 2.4.63
+ amdgpu_va_range_free@Base 2.4.63
+ amdgpu_va_range_query@Base 2.4.63
+ amdgpu_vm_reserve_vmid@Base 2.4.88
+ amdgpu_vm_unreserve_vmid@Base 2.4.88
--- libdrm-2.4.97.orig/debian/libdrm-common.install
+++ libdrm-2.4.97/debian/libdrm-common.install
@@ -0,0 +1 @@
+usr/share/libdrm/amdgpu.ids
--- libdrm-2.4.97.orig/debian/libdrm-dev.install
+++ libdrm-2.4.97/debian/libdrm-dev.install
@@ -0,0 +1,5 @@
+usr/include/*
+usr/lib/*/*.so
+usr/lib/*/*.pkgconfig/*
+usr/share/man/man3/*
+usr/share/man/man7/*
--- libdrm-2.4.97.orig/debian/libdrm-etnaviv1.install
+++ libdrm-2.4.97/debian/libdrm-etnaviv1.install
@@ -0,0 +1 @@
+libdrm_etnaviv.so.1 libdrm-etnaviv1 #MINVER#
+etna_bo_cpu_fini@Base 0
+etna_bo_cpu_prep@Base 0
+etna_bo_del@Base 0
+etna_bo_dmabuf@Base 0
+etna_bo_from_dmabuf@Base 0
+etna_bo_from_name@Base 0
+etna_bo_get_name@Base 0
+etna_bo_handle@Base 0
+etna_bo_map@Base 0
+etna_bo_new@Base 0
+etna_bo_ref@Base 0
+etna_bo_size@Base 0
+etna_cmd_stream_del@Base 0
+etna_cmd_stream_finish@Base 0
+etna_cmd_stream_flush2@Base 2.4.80
+etna_cmd_stream_flush@Base 0
+etna_cmd_stream_new@Base 0
+etna_cmd_stream_perf@Base 2.4.89
+etna_cmd_stream_reloc@Base 0
+etna_cmd_stream_timestamp@Base 0
+etna_device_del@Base 0
+usr/lib/*/libdrm_freedreno.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-freedreno1.symbols
+++ libdrm-2.4.97/debian/libdrm-freedreno1.symbols
@@ -0,0 +1,46 @@
+libdrm_freedreno.so.1 libdrm-freedreno1 #MINVER#
  + fd_bo_cpu_fini@Base 0
  + fd_bo_cpu_prep@Base 0
  + fd_bo_del@Base 0
  + fd_bo_dmabuf@Base 2.4.57
  + fd_bo_from_dmabuf@Base 2.4.57
  + fd_bo_from_fbdev@Base 0
  + fd_bo_from_handle@Base 0
  + fd_bo_from_name@Base 0
  + fd_bo_get_iova@Base 2.4.91
  + fd_bo_get_name@Base 0
  + fd_bo_handle@Base 0
  + fd_bo_map@Base 0
  + fd_bo_new@Base 0
  + fd_bo_put_iova@Base 2.4.91
  + fd_bo_ref@Base 0
  + fd_bo_size@Base 0
  + fd_device_del@Base 0
  + fd_device_fd@Base 2.4.65
  + fd_device_new@Base 0
  + fd_device_new_dup@Base 0
  + fd_device_ref@Base 0
  + fd_device_version@Base 2.4.70
  + fd_pipe_del@Base 0
  + fd_pipe_get_param@Base 0
  + fd_pipe_new2@Base 2.4.89
  + fd_pipe_new@Base 0
  + fd_pipe_ref@Base 2.4.92
  + fd_pipe_wait@Base 0
  + fd_pipe_wait_timeout@Base 2.4.64
  + fd_ringbuffer_cmd_count@Base 2.4.70
  + fd_ringbuffer_del@Base 0
  + fd_ringbuffer_emit_reloc_ring_full@Base 2.4.70
  + fd_ringbuffer_flush2@Base 2.4.73
  + fd_ringbuffer_flush@Base 0
  + fd_ringbuffer_grow@Base 2.4.70
  + fd_ringbuffer_new@Base 0
  + fd_ringbuffer_new_flags@Base 2.4.97
  + fd_ringbuffer_new_object@Base 2.4.93
  + fd_ringbuffer_ref@Base 2.4.97
  + fd_ringbuffer_reloc2@Base 2.4.74
  + fd_ringbuffer_reloc@Base 0
  + fd_ringbuffer_reset@Base 0
+ fd_ringbuffer_set_parent@Base 0
+ fd_ringbuffer_size@Base 2.4.93
+ fd_ringbuffer_timestamp@Base 0
--- libdrm-2.4.97.orig/debian/libdrm-intel1.install
+++ libdrm-2.4.97/debian/libdrm-intel1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_intel.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-intel1.symbols
+++ libdrm-2.4.97/debian/libdrm-intel1.symbols
@@ -0,0 +1,84 @@
+libdrm_intel.so.1 libdrm-intel1 #MINVER#
+ drm_intel_bo_alloc@Base 2.4.1
+ drm_intel_bo_alloc_for_render@Base 2.4.5
+ drm_intel_bo_alloc_tiled@Base 2.4.15
+ drm_intel_bo_alloc_userptr@Base 2.4.57
+ drm_intel_bo_busy@Base 2.4.13
+ drm_intel_bo_disable_reuse@Base 2.4.10
+ drm_intel_bo_emit_reloc@Base 2.4.1
+ drm_intel_bo_emit_reloc_fence@Base 2.4.20
+ drm_intel_bo_exec@Base 2.4.1
+ drm_intel_bo_fake_alloc_static@Base 2.4.1
+ drm_intel_bo_fake_disableBacking_store@Base 2.4.1
+ drm_intel_bo_flink@Base 2.4.1
+ drm_intel_bo_gem_create_from_name@Base 2.4.1
+ drm_intel_bo_gem_create_from_prime@Base 2.4.38
+ drm_intel_bo_gem_export_to_prime@Base 2.4.38
+ drm_intel_bo_get_subdata@Base 2.4.1
+ drm_intel_bo_get_tiling@Base 2.4.1
+ drm_intel_bo_isReusable@Base 2.4.21
+ drm_intel_bo_madvise@Base 2.4.21
+ drm_intel_bo_map@Base 2.4.1
+ drm_intel_bo_mrb_exec@Base 2.4.23-3~
+ drm_intel_bo_pin@Base 2.4.1
+ drm_intel_bo_reference@Base 2.4.1
+ drm_intel_bo_references@Base 2.4.15
+ drm_intel_bo_setSoftpin_offset@Base 2.4.66
+ drm_intel_bo_set_tiling@Base 2.4.1
+ drm_intel_bo_subdata@Base 2.4.1
+ drm_intel_bo_unmap@Base 2.4.1
+ drm_intel_bo_unpin@Base 2.4.1
+ drm_intel_bo_unreference@Base 2.4.1
+ drm_intel_bo_use_48b_address_range@Base 2.4.66
+ drm_intel_bo_wait_rendering@Base 2.4.1
+ drm_intel_bufmgr_check_aperture_space@Base 2.4.1
+ drm_intel_bufmgr_destroy@Base 2.4.1
+ drm_intel_bufmgr_fake_contended_lock_take@Base 2.4.1
+ drm_intel_bufmgr_fake_evict_all@Base 2.4.1
+ drm_intel_bufmgr_fake_init@Base 2.4.1
@@ -0,0 +1 @@
+usr/lib/*/libdrm_nouveau.so.2*
--- libdrm-2.4.97.orig/debian/libdrm-nouveau2.lintian-overrides
+++ libdrm-2.4.97/debian/libdrm-nouveau2.lintian-overrides
@@ -0,0 +1 @@
+libdrm-nouveau2: symbols-declares-dependency-on-other-package libdrm-nouveau-private
--- libdrm-2.4.97.orig/debian/libdrm-nouveau2.symbols
+++ libdrm-2.4.97/debian/libdrm-nouveau2.symbols
@@ -0,0 +1,43 @@
+libdrm_nouveau.so.2 libdrm-nouveau2 #MINVER#
| libdrm-nouveau-private
  + nouveau_bo_map@Base 2.4.34
  + nouveau_bo_name_get@Base 2.4.34
  + nouveau_bo_name_ref@Base 2.4.34
  + nouveau_bo_new@Base 2.4.34
  + nouveau_bo_prime_handle_ref@Base 2.4.38
  + nouveau_bo_ref@Base 2.4.34
  + nouveau_bo_set_prime@Base 2.4.38
  + nouveau_bo_wait@Base 2.4.34
  + nouveau_bo_wrap@Base 2.4.34
  + nouveau_bufctx_del@Base 2.4.34
  + nouveau_bufctx_mthd@Base 2.4.34
  + nouveau_bufctx_new@Base 2.4.34
  + nouveau_bufctx_refn@Base 2.4.34
  + nouveau_bufctx_reset@Base 2.4.34
  + nouveau_client_del@Base 2.4.34
  + nouveau_client_new@Base 2.4.34
  + nouveau_device_del@Base 2.4.34
  + nouveau_device_new@Base 2.4.66
  + nouveau_device_open@Base 2.4.34
  + nouveau_device_open_existing@Base 0 1
  + nouveau_device_wrap@Base 2.4.34
  + nouveau_drm_del@Base 2.4.66
  + nouveau_drm_new@Base 2.4.66
  + nouveau_getparam@Base 2.4.34
  + nouveau_object_del@Base 2.4.34
  + nouveau_object_mclass@Base 2.4.66
  + nouveau_object_mthd@Base 2.4.66
  + nouveau_object_new@Base 2.4.34
  + nouveau_object_sclass_get@Base 2.4.66
  + nouveau_object_sclass_put@Base 2.4.66
  + nouveau_pushbuf_bufctx@Base 2.4.34
  + nouveau_pushbuf_data@Base 2.4.34
  + nouveau_pushbuf_del@Base 2.4.34
  + nouveau_pushbuf_kick@Base 2.4.34
  + nouveau_pushbuf_new@Base 2.4.34
  + nouveau_pushbuf_refd@Base 2.4.34
  + nouveau_pushbuf_refn@Base 2.4.34
+ nouveau_pushbuf_reloc@Base 2.4.34
+ nouveau_pushbuf_space@Base 2.4.34
+ nouveau_pushbuf_validate@Base 2.4.34
+ nouveau_setparam@Base 2.4.34
--- libdrm-2.4.97.orig/debian/libdrm-omap1.install
+++ libdrm-2.4.97/debian/libdrm-omap1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_omap.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-omap1.symbols
+++ libdrm-2.4.97/debian/libdrm-omap1.symbols
@@ -0,0 +1,19 @@
+libdrm_omap.so.1 libdrm-omap1 #MINVER#
+ omap_bo_cpu_fini@Base 2.4.33
+ omap_bo_cpu_prep@Base 2.4.33
+ omap_bo_del@Base 2.4.33
+ omap_bo_dmabuf@Base 2.4.34
+ omap_bo_from_dmabuf@Base 2.4.38
+ omap_bo_from_name@Base 2.4.33
+ omap_bo_get_name@Base 2.4.33
+ omap_bo_handle@Base 2.4.33
+ omap_bo_map@Base 2.4.33
+ omap_bo_new@Base 2.4.33
+ omap_bo_new_tiled@Base 2.4.33
+ omap_bo_ref@Base 2.4.38
+ omap_bo_size@Base 2.4.33
+ omap_device_del@Base 2.4.33
+ omap_device_new@Base 2.4.33
+ omap_device_ref@Base 2.4.38
+ omap_get_param@Base 2.4.33
+ omap_set_param@Base 2.4.33
--- libdrm-2.4.97.orig/debian/libdrm-radeon1.install
+++ libdrm-2.4.97/debian/libdrm-radeon1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_radeon.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-radeon1.symbols
+++ libdrm-2.4.97/debian/libdrm-radeon1.symbols
@@ -0,0 +1,45 @@
+radeon_bo_debug@Base 2.4.17
+radeon_bo_get_handle@Base 2.4.17
+radeon_bo_get_src_domain@Base 2.4.17
+radeon_bo_get_tiling@Base 2.4.17
+radeon_bo_is_busy@Base 2.4.17
+radeon_bo_is_referenced_by_cs@Base 2.4.17
+radeon_bo_is_static@Base 2.4.17
+radeon_bo_manager_gem_ctor@Base 2.4.17
+radeon_bo_manager_gem_dtor@Base 2.4.17
+radeon_bo_map@Base 2.4.17
+ radeon_bo_open@Base 2.4.17
+ radeon_bo_ref@Base 2.4.17
+ radeon_bo_set_tiling@Base 2.4.17
+ radeon_bo_unmap@Base 2.4.17
+ radeon_bo_unref@Base 2.4.17
+ radeon_bo_wait@Base 2.4.17
+ radeon_cs_begin@Base 2.4.17
+ radeon_cs_create@Base 2.4.17
+ radeon_cs_destroy@Base 2.4.17
+ radeon_cs_emit@Base 2.4.17
+ radeon_cs_end@Base 2.4.17
+ radeon_cs_erase@Base 2.4.17
+ radeon_cs_get_id@Base 2.4.20
+ radeon_cs_manager_gem_ctor@Base 2.4.17
+ radeon_cs_manager_gem_dtor@Base 2.4.17
+ radeon_cs_need_flush@Base 2.4.17
+ radeon_cs_print@Base 2.4.17
+ radeon_cs_set_limit@Base 2.4.17
+ radeon_cs_space_add_persistent_bo@Base 2.4.17
+ radeon_cs_space_check@Base 2.4.17
+ radeon_cs_space_check_with_bo@Base 2.4.17
+ radeon_cs_space_reset_bos@Base 2.4.17
+ radeon_gem_bo_open_prime@Base 2.4.39
+ radeon_gem_get_kernel_name@Base 2.4.17
+ radeon_gem_get_reloc_in_cs@Base 2.4.20
+ radeon_gem_name_bo@Base 2.4.17
+ radeon_gem_prime_share_bo@Base 2.4.39
+ radeon_gem_set_domain@Base 2.4.17
+ radeon_surface_best@Base 2.4.31
+ radeon_surface_init@Base 2.4.31
+ radeon_surface_manager_free@Base 2.4.31
+ radeon_surface_manager_new@Base 2.4.31
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.install
+++ libdrm-2.4.97/debian/libdrm-tegra0.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_tegra.so.0*
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.symbols
+++ libdrm-2.4.97/debian/libdrm-tegra0.symbols
@@ -0,0 +1,15 @@
+libdrm_tegra.so.0 libdrm-tegra0 #MINVER#
+drm_tegra_bo_get_flags@Base 0
+drm_tegra_bo_get_handle@Base 0
+drm_tegra_bo_get_tiling@Base 0
+drm_tegra_bo_map@Base 0
+drm_tegra_bo_new@Base 0
+drm_tegra_bo_ref@Base 0
+ drmSLFirst@Base 2.3.1
+ drmSLInsert@Base 2.3.1
+ drmSLLookup@Base 2.3.1
+ drmSLLookupNeighbors@Base 2.3.1
+ drmSLNext@Base 2.3.1
+ drmScatterGatherAlloc@Base 2.3.1
+ drmScatterGatherFree@Base 2.3.1
+ drmSetBusid@Base 2.3.1
+ drmSetClientCap@Base 2.4.47
+ drmSetContextFlags@Base 2.3.1
+ drmSetInterfaceVersion@Base 2.3.1
+ drmSetMaster@Base 2.4.3
+ drmSetServerInfo@Base 2.3.1
+ drmSwitchToContext@Base 2.3.1
+ drmSyncobjCreate@Base 2.4.82
+ drmSyncobjDestroy@Base 2.4.82
+ drmSyncobjExportSyncFile@Base 2.4.82
+ drmSyncobjFDToHandle@Base 2.4.82
+ drmSyncobjHandleToFD@Base 2.4.82
+ drmSyncobjImportSyncFile@Base 2.4.82
+ drmSyncobjReset@Base 2.4.89
+drmSyncobjSignal@Base 2.4.89
+ drmSyncobjWait@Base 2.4.84
+ drmUnlock@Base 2.3.1
+ drmUnmap@Base 2.3.1
+ drmUnmapBufs@Base 2.3.1
+ drmUpdateDrawableInfo@Base 2.3.1
+ drmWaitVBlank@Base 2.3.1
--- libdrm-2.4.97.org/debian/patches/01_default_perms.diff
+++ libdrm-2.4.97/debian/patches/01_default_perms.diff
@@ -0,0 +1,11 @@
+--- a/xf86drm.h
++++ b/xf86drm.h
@@ -74,7 +74,7 @@ extern "C" {
+ /* Default /dev/dri directory permissions 0755 */
+ #define DRM_DEV_DIRMODE	 	
+ 	(S_IRUSR|S_IWUSR|S_IXUSR|S_IRGRP|S_IXGRP|S_IROTH|S_IXOTH)
+-#define DRM_DEV_MODE	 (S_IRUSR|S_IWUSR|S_IRGRP)
+++#define DRM_DEV_MODE	 (S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH|S_IWOTH)
+
+ #ifdef __OpenBSD__
+ #define DRM_DIR_NAME  "/dev"
+ /* Default /dev/dri directory permissions 0755 */
+ #define DRM_DEV_DIRMODE \ 
+ (S_IRUSR|S_IWUSR|S_IXUSR|S_IRGRP|S_IWGRP)
+ +#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWOTH)
+++#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH|S_IWOTH)
+
+ #ifdef __OpenBSD__
+ #define DRM_DIR_NAME  "/dev"
+ /* Default /dev/dri directory permissions 0755 */
+ #define DRM_DEV_DIRMODE \ 
+ (S_IRUSR|S_IWUSR|S_IXUSR|S_IRGRP|S_IWGRP)
+ +#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWOTH)
+++#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH|S_IWOTH)
+
+ typedef unsigned int drm_handle_t;

--- libdrm-2.4.97.org/debian/patches/02_kfreebsd.diff
+++ libdrm-2.4.97/debian/patches/02_kfreebsd.diff
@@ -0,0 +1,10 @@
+--- a/include/drm/drm.h
++++ b/include/drm/drm.h
@@ -44,6 +44,7 @@ typedef unsigned int drm_handle_t;
+ (#ifdef __OpenBSD__
+ #define DRM_DIR_NAME  "/dev"
+ /* Default /dev/dri directory permissions 0755 */
+ #define DRM_DEV_DIRMODE \ 
+ (S_IRUSR|S_IWUSR|S_IXUSR|S_IRGRP|S_IWGRP)
+ +#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWOTH)
+++#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH|S_IWOTH)
+ 
+ typedef unsigned int drm_handle_t;
+ #else /* One of the BSDs */
 +
 ++#include <stdint.h>
 + #include <sys/ioccom.h>
 + #include <sys/types.h>
 + typedef int8_t __s8;
 --- libdrm-2.4.97.orig/debian/patches/series
 +++ libdrm-2.4.97/debian/patches/series
 @@ -0,0 +1,2 @@
 +01_default_perms.diff
 +02_kfreebsd.diff
 --- libdrm-2.4.97.orig/debian/rules
 +++ libdrm-2.4.97/debian/rules
 @@ -0,0 +1,126 @@
 +#!/usr/bin/make -f
 +
 +### Configuration, decide what to build
 +###
 ++
 +## Some variables:
 +DEB_HOST_ARCH     ?= $(shell dpkg-architecture -qDEB_HOST_ARCH)
 +DEB_HOST_ARCH_OS  ?= $(shell dpkg-architecture -qDEB_HOST_ARCH_OS)
 +DEB_HOST_ARCH_CPU ?= $(shell dpkg-architecture -qDEB_HOST_ARCH_CPU)
 +
 +confflags = \n +#Draeond=true \n +#Damlgpu=true \n +#Dlibkms=false \n +$(\n +## Linux vs. the rest:
 +ifeq (linux, $(DEB_HOST_ARCH_OS))
 +confflags += -Dudev=true
 +confflags += -Dvmwgfx=true
 +confflags += -Dnouveau=true
 +NOUVEAU = yes
 +else
 +confflags += -Dudev=false
 +confflags += -Dvmwgfx=false
 +confflags += -Dnouveau=false
 +NOUVEAU = no
 +endif
 +
 +## Intel is only on x86:
 +ifeq (.,$(filter amd64 i386,$(DEB_HOST_ARCH_CPU)))
 +ifeq (.,$(filter linux kfreebsd,$(DEB_HOST_ARCH_OS)))
+INTEL = yes
+endif
+endif
+ifeq ($(INTEL), yes)
+confflags += -Dintel=true
+else
+confflags += -Dintel=false
+endif
+
+# Exynos/Omap/Tegra are only on arm
+ifeq (.$(filter arm,$(DEB_HOST_ARCH_CPU)))
+ARM = yes
+endif
+ifeq ($(ARM), yes)
+confflags += -Dexynos=true
+confflags += -Domap=true
+else
+confflags += -Dexynos=false
+confflags += -Domap=false
+endif
+
+# Etnaviv is on armhf and arm64
+ifeq (.$(filter armhf arm64,$(DEB_HOST_ARCH)))
+ETNAVIV = yes
+endif
+ifeq ($(ETNAVIV), yes)
+confflags += -Detnaviv=true
+else
+confflags += -Detnaviv=false
+endif
+
+# Tegra is on arm and arm64
+ifeq (.$(filter arm arm64,$(DEB_HOST_ARCH_CPU)))
+TEGRA = yes
+endif
+ifeq ($(TEGRA), yes)
+confflags += -Dtegra=true
+else
+confflags += -Dtegra=false
+endif
+
+# Freedreno is on arm and arm64
+ifeq (.$(filter arm arm64,$(DEB_HOST_ARCH_CPU)))
+FREEDRENO = yes
+endif
+ifeq ($(FREEDRENO), yes)
+confflags += -Dfreedreno=true
+Dfreedreno-kgsl=true
+else
Open Source Used In CloudCenter Suite Admin 5.3.0  8294

+confflags += -Dfreedreno=false
+endif
+
+###
### Actual build
###
+
+override_dh_auto_configure:
+dh_auto_configure -- $(confflags)
+
+override_dh_auto_test:
+dh_auto_test || echo "Test suite failure, but keeping on anyway"
+
+override_dh_install:
+find debian/tmp -name '*.la' -delete
+dh_install --fail-missing
+
+override_dh_makeshlibs:
+dh_makeshlibs -plibdrm2 -V'libdrm2 (>= 2.4.89)' --add-udeb=libdrm2-udeb -- -c4
+ifeq ($(INTEL), yes)
+dh_makeshlibs -plibdrm-intel1 -V'libdrm-intel1 (>= 2.4.75)' -- -c4
+endif
+ifeq ($(NOUVEAU), yes)
+dh_makeshlibs -plibdrm-nouveau2 -V'libdrm-nouveau2 (>= 2.4.66)' -- -c4
+endif
+dh_makeshlibs -plibdrm-radeon1 -V'libdrm-radeon1 (>= 2.4.39)' -- -c4
+dh_makeshlibs -plibdrm-amdgpul1 -V'libdrm-amdgpul1 (>= 2.4.97)' -- -c4
+ifeq ($(ARM), yes)
+dh_makeshlibs -plibdrm-omap1 -V'libdrm-omap1 (>= 2.4.38)' -- -c4
+dh_makeshlibs -plibdrm-exynos1 -V'libdrm-exynos1 (>= 2.4.66)' -- -c4
+endif
+ifeq ($(ETNAVIV), yes)
+dh_makeshlibs -plibdrm-etnaviv1 -V'libdrm-etnaviv1 (>= 2.4.89)' -- -c4
+endif
+ifeq ($(TEGRA), yes)
+dh_makeshlibs -plibdrm-tegra0 -V'libdrm-tegra0' -- -c4
+endif
+ifeq ($(FREEDRENO), yes)
+dh_makeshlibs -plibdrm-freedreno1 -V'libdrm-freedreno1 (>= 2.4.97)' -- -c4
+endif
+
+%
+dh $@ --with quilt \
+--builddirectory=build/ \
+--buildsystem=meson \
--- libdrm-2.4.97.orig/debian/source/format \
+++ libdrm-2.4.97/debian/source/format 
@@ -0,0 +1 @@
-----BEGIN PGP PUBLIC KEY BLOCK-----
mQINBFH8yAsBEAC8tpEivCRfijoVPjwNrRlxAh9NQQ0aqjYLVa+RFGFRY9G9ITf
ZgzrXXe6f5pKG9wytwaYa19M4eKkZtvOrMHWILEYMeNu26syjK7KoyzLhLlURN
+7UPSBJsdn0e12Djyk4mK/c/eCaKlWmPtwu11DGqFpM8YozIA18kHuTrWyQuXEg
+4CZlfHh05yJYU/4UMAC2UXJrHe0oUSl00OnlwI4y+P1flyygCXRBCd6A+9V5Wjhz
+7Gd8iA1y16vVkyKDQ5e40C8/MDtxeAHfQue8PaSFzGvBfX+WTZH4i2y56aXo4VN
+m22anK0RkJEIREUW7KdmXo4rl30485ztyGp5v6+xYLRKajH6uUQ7/7dsBHiqF9u
+cwQRHLpqOqerSNK0LqDrKHssOhy9y9jXEKZjtlnLbSbF33Enck375pY9SbGB
+i23olr1yYounlpvb1vmSm0RNhhu4b9LuzqHHwoYf+maLlHPbNbnJqg9blDs6v6eo
+HUblatZrg79e3XH8bWF0uAdVDDDn3afgyvHHAJ1fkkD8zqSpmXhlluaiAb
+enYd3An7ueAcMQ/0m0XNBc0jVVzaiC2fAT/G2wTekg5WHDhba3eECDg3a36OE+ciP
+rfS/4/4nWFAyK7v0rFgj97e2pLqFqswSK9BZ4ndP/2tuqASN81vAXT4RVNwAAUrA
+B1FcmajlJFfUaG9sdCABZLxYPbBhmmhvbHqumbvm0P0cOCogTAQgAJAhbAWLQGgH
+AvuWvCjICWUAWgMBAaALQIXEgAUCUG6UHAIZAQAQAKCRC1iik20fy6i6nEACfmoAF
+EhJjWXYtYdqV9w6D9A11Y1rFnrglsm4fNpaYCYRRwe8ClSks2OsTEzyKn/Ry0PqxnL
+4dTk0/y3EKIOlxn1UMCe+enwrPqMP5klHHHzJ3UlMKv/m/1OLXou7m9j7bnMzQzFb0u3T
+940uOpFPqCenEhx5FqMunVdug3KwTm0LcPjgAULP1jbl4u4MxA5lLvmcZtcTC
+jhJlVBVNf7vV6x9mvbicDBDxqJt9s9a14oIHTHePoOBH9y90lf6ZsQS5ck5IC0d
+qxdkXONMc4uFwtr02XjYfr8AP6gHx5z0WDQzSnMsaSSW4CoPSeSFUWQLQZSPZ3k3UL
+p7gFmFicFhElH4AHzNy/mjGPS8GwrBo0wEjuZJdxzQxNBA4pqSjTJ2WK7cPfRsw
+VYGC2JrEcoSBRM59FaFKV2ioYX2BZw/mucURFqrzxnVhHa7gvel26/HGmY3m6qJk
+09TD55xt2ds0XSyxy6gNaMUQ+d4VBvgrgOWFrpiK5skAsjIxdqznMQ4e0nt5XST
+DbdQj+7+S0mUqC0naHroxr3j+3s+BOSAnQAgO+HiPnbMwv/Ej1SihqBHS+S0+HmKN
+v8JMUQaqvVulwS7i1DH53sOUBQ2s5AkT9D59sDLCxve/fg+/e2fXaXgdR90ouKc4Gc
+cvDqGiolOBMrZCr4tbV1ST71EQsiJ0BeBTrippFLqRexjYFBbmhbVHCgPFGuag9s
+deBmSfWphC5b20+qi13BBMCAhBhQJRI/MWAhsDBQjCAcDBRUKCqLBRYCAwEA
+Ah4BhaAeAaJ0ELXKWTThR/J7okCcp+p+wkQKWf7L/6ivAjxXfgejBtXlonv6GTYb
+uZJYX00F5 tyQqE2ucxe3M3CvEi9y9+qPLsTaC0suUvVwssSLGxiv40YGHu5nldd/g
+Y0sbhOS5mEndfmg6Dv9/9HBF11rMxLwU1GLAMu0QhcuzakmWtuWAWa2EZ5K0d
+0fXRdxCSaAIzXdbD70jm2gi7bW23V4fwa5jwpqumnmPbIk394oCd7G0zVg1Hu1aib
+xtgd2HtvSP4rjQSWdUmmpVjGEjSnbCExv6NhHswSvKvpdDURQjR9xKNV7vW21aP
+UlfDqWg7PO/SWZxYn000SxzmEM6UMDgPozHWE43LUN4mAfOszxvN9MODYMB8
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

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

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

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

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

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This option is useful when you wish to copy part of the code of
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4. You may copy and distribute the Library (or a portion or
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under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run
modified versions of the software inside them, although the manufacturer
can do so. This is fundamentally incompatible with the aim of
protecting users' freedom to change the software. The systematic
pattern of such abuse occurs in the area of products for individuals to
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stand ready to extend this provision to those domains in future versions
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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

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the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work
for making modifications to it. "Object code" means any non-source
form of a work.

A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
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subprograms and other parts of the work.

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a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

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c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

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a) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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

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

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

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

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<th>Year</th>
<th>Owner</th>
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2.1      2.0+1.6.1  2001   PSF     no
2.0.1    2.0+1.6.1  2001   PSF     yes
2.1.1    2.1+2.0.1  2001   PSF     yes
2.1.2    2.1.1     2002   PSF     yes
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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
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* /opt/cola/permits/1108597449_1606174589.49/0/javassist-3-22-0-cr2-sources-1-jar/javassist/bytecode/annotation/DoubleMemberValue.java
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* /opt/cola/permits/1108597449_1606174589.49/0/javassist-3-22-0-cr2-sources-1-jar/javassist/bytecode/annotation/ShortMemberValue.java
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*- org -*

#*TITLE: List of code with permissive licenses as used by GnuPG.

#*STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

--------------------------------------------------------------------------

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1.464 libpython 3.7.3-2

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see
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### 1.472 tzinfo-data 1.2018.9

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### 1.473 musl-utils 1.1.24 r0

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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

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

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

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-- "$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $
1.480 libsepol 2.5 10.el7

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1.481 libsqlite 3.16.2-5+deb9u1

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version 2 can be found in the file `/usr/share/common-licenses/GPL-2`.

1.482 ansi-styles 3.2.1

1.482.1 Available under license :
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1.483 cracklib-runtime 2.9.6 2

1.483.1 Available under license :

Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: cracklib
Upstream-Contact: Nathan Neulinger <nneul@umr.edu>
Source: https://github.com/cracklib/cracklib

Files: *
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former contains code derived from the library, whereas the latter must be combined with the library in order to run.

^L

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

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

That's all there is to it!

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
-----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists =20

-- Nathan
=20
------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
-----Original Message-----

From: cracklib-devel-bounces@li...

[mailto:cracklib-devel-bounces@li...]

On Behalf Of Mike Frysinger

Sent: Monday, October 01, 2007 8:15 PM

To: cracklib-devel@li...

Subject: [Cracklib-devel] cracklib license

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

-mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not GPL-2 ... it was a modified artistic license ... i didn't notice the license change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless their applications are also GPL-2 which imo is just wrong. it isn't the place of a library to dictate to application writes what license they should be using. thus LGPL-2.1 enters to fill this void.

-mike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

=20

------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
> > directly
> > and see if he wants to relicense his code as LGPL... but at this
> > point,
> > > it was enough to just get it consistent and documented as to what
> > it was
> > > released under. This wasn't actually a license change, just a
> > > clarification of the licensing that was already in place.
> > the original license (before moving to sourceforge -- aka, 2.7) was
> > not
> > GPL-2 ... it was a modified artistic license ... i didnt notice the
> > license
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> > unlike the old license, GPL-2 prevents people from using cracklib
> > unless their
> > applications are also GPL-2 which imo is just wrong, it isnt the
> > place of a
> > library to dictact to application writes what license they should
> > be using.
> > thus LGPL-2.1 enters to fill this void.
> > -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small
bit of
additional code, so whatever licensing y'all come up with is fine
by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@g...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable
timeframe.
I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@g...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
> > > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> >>
> > I am sympathetic. Guys, what do you reckon?
> >>
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL....
> >
> > My apologies for not chiming in in anything resembling a reasonable
> > timeframe.
> >
> > I'd also suggest the LGPL, for the reason you noted above. Alternately,
> > GPLv2 with the option of using the library under a later version of the
> > GPL would permit applications which were released under version 3 of the
> > GPL to use the library, too, which would be sufficient for the packages
> > which are included in Fedora. FWIW, I'd personally lean toward LGPL.
> >
> > In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now ?

-mike
Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes, go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
> >
> > yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

-----------
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
-----------

CrackLib was originally licensed with a variant of the Artistic license. In the
interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed
as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address
that was used at the time. For any future emails regarding this, please
use nneul@neulinger.org.

--------------------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
   by scanin-ipv6.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
   by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMT id 191Gxpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
   by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMT id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
   by rutherford.zen.co.uk with esmt (Exim 4.50)
id 11cOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd8071010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
   <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd8071010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBEFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

> 
> ---------- Forwarded message ----------
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
> 

Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self-contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.484 compiler 0.9.3

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1.485 tzdata 2018g-0+deb9u1

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This is the Debian prepackaged version of the Time Zone and Daylight Saving Time Data.

It was downloaded from http://www.iana.org/time-zones

Upstream Author: The Internet Assigned Numbers Authority (IANA) Commentary should be addressed to tz@iana.org

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1.486 openjdk 8u242b08

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Version 2, June 1991

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Author: Ruben Rodriguez <ruben@trisquel.info>

--- db-5.3.21/src/crypto/mersenne/mt19937db.c.licensefix
+++ db-5.3.21/src/crypto/mersenne/mt19937db.c
@@ -16,16 +16,27 @@
  /*   Coded by Takuji Nishimura, considering the suggestions by    */
  /* Topher Cooper and Marc Rieffel in July-Aug. 1997. */
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/* For the verification of the code, its output sequence file mt19937int.out is attached (2001/4/2) */

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/* Any feedback is very welcome. For any question, comments, see http://www.math.keio.ac.jp/matumoto/emt.html or email matumoto@math.keio.ac.jp */

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 *
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 */
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#

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

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

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</table>

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[role="xpack"]
[tevent="basic"]
[[get-license]]
=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++

This API enables you to retrieve licensing information.
### Request

`GET /_xpack/license`

### Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

### Query Parameters

`local`:

(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

### Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

### Examples

The following example provides information about a trial license:

```
GET /_xpack/license
```

```
// CONSOLE
```

```
{
  "license": {
    "status": "active",
    "uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
```
"type": "trial",
"issue_date": "2018-10-20T22:05:12.332Z",
"issue_date_in_millis": 1540073112332,
"expiry_date": "2018-11-19T22:05:12.332Z",
"expiry_date_in_millis": 1542665112332,
"max_nodes": 1000,
"issued_to": "test",
"issuer": "elasticsearch",
"start_date_in_millis": -1
}
}

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
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This API enables you to delete licensing information.

```
DELETE /_xpack/license
```

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].
==== Authorization

You must have `manage` cluster privileges to use this API. For more information, see <security-privileges>.

[float]

==== Examples

The following example queries the info API:

[source,js]
```
DELETE _xpack/license

// CONSOLE
// TEST[skip:license testing issues]
```

When the license is successfully deleted, the API returns the following response:

[source,js]
```
{
  "acknowledged": true
}
```

// NOTCONSOLE

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Supplement) in order to help improve the overall quality of SCOWL.

The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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Date: Sat, 08 Jul 2000 20:27:21 +0100
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

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Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list is also in the public domain?

That is the intention.
The 20 level includes frequency classes 7-15 from Brian's word list.

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Test messages from the Perl-MIME-Tools project,

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Version 3.1, 31 March 2009

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[[java-rest-high-delete-license]]
=== Delete License

[[java-rest-high-delete-license-execution]]
==== Execution

The license can be deleted using the `deleteLicense()` method:

["source", "java", subs="attributes,callouts,macros"]
------------------------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
------------------------------------------------------------------

[[java-rest-high-delete-license-response]]
### Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
```

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```

### Asynchronous Execution

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
```

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument.

<2> Called in case of failure. The raised exception is provided as an argument.

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# Jackson JSON processor

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

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[role="xpack"]
[testenv="basic"]
[[update-license]]
=== Update license API
++++
<titleabbrev>Update license</titleabbrev>
This API enables you to update your license.

```plaintext
PUT _xpack/license
```

**Description**

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

**Query Parameters**

`acknowledge`:

(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

**Request Body**

`licenses`:

(array) A sequence of one or more JSON documents containing the license information.

**Authorization**

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

**Examples**
The following example updates to a basic license:

[source,js]
------------------------------------------------------------
POST _xpack/license
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]
------------------------------------------------------------
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
------------------------------------------------------------

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]
------------------------------------------------------------
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
------------------------------------------------------------

In these examples,

* `\<user>` is a user ID with the appropriate authority.
* `\<host>` is the hostname of the {es} node (`localhost` if executing
locally)
* `\<port>` is the http port (defaults to `9200\`) 
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]

```
{
    "acknowledged":false,
    "license_status": "valid",
    "acknowledge": {
        "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"
    },
    "watcher": [
        "Watcher will be disabled"
    ],
    "logstash": [
        "Logstash will no longer poll for centrally-managed pipelines"
    ],
    "security": [
        "The following X-Pack security functionality will be disabled: ..."]
}
```

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source,js]

```
POST _xpack/license?acknowledge=true
{
    "licenses":[
        {
            "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
            "type":"basic",
            "issue_date_in_millis":1411948800000,
            "expiry_date_in_millis":1914278399999,
            "max_nodes":1,
            "issued_to":"issuedTo",
            "issuer":"issuer",
            "signature":"xx"
        }
    ]
}
```
// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]
------------------------------------------------------------
curl -XPUT -u elastic http://<host>:<port>/_xpack/license?acknowledge=true -H "Content-Type: application/json"
-d @license.json
------------------------------------------------------------

// NOTCONSOLE

For more information about the features that are disabled when you downgrade your license, see [stack-ov]/license-expiration.html [License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.
## Info ##
* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##
* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::[doc-tests]/LicensingDocumentationIT.java[get-license-execute]
--------------------------------------------------

[[java-rest-high-get-license-response]]
==== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::[doc-tests]/LicensingDocumentationIT.java[get-license-response]
--------------------------------------------------
<1> The text of the license.

[[java-rest-high-get-license-async]]
==== Asynchronous Execution

This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::[doc-tests]/LicensingDocumentationIT.java[get-license-execute-async]
--------------------------------------------------
<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when
the execution completes
The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
[
"source","java",subs=\"attributes,callouts.macros\"
--------------------------------------------------
include-tagged::\{doc-tests\}/LicensingDocumentationIT.java[get-license-execute-listener]
--------------------------------------------------
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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=== Update License

=== Execution

The license can be added or updated using the `putLicense()` method:

["source","java",subs="attributes,callouts,macros"]

----------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
----------------------------------------------

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.

<2> A JSON document containing the license information.

["source","java",subs="attributes,callouts,macros"]

----------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
----------------------------------------------

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the
license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

<1> The status of the license
<2> Make sure that the license is valid.
<3> Check the acknowledge flag. It should be true if license is acknowledged.
<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
<5> and check component-specific messages in `acknowledgeMessages()`.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
```

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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[role="xpack"]
[[license-settings]]

--- {xpack} License Settings
++++
<titleabbrev>License Settings</titleabbrev>
++++

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see
{stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features. +
+--
If set to `trial`, the self-generated license gives access only to all the features
of a x-pack for 30 days. You can later downgrade the cluster to a basic license if
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--
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     analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
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     analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
     analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
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Charset detection code from ICU4J (http://site.icu-project.org/)

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---

tear down:
- do:
  xpack.license.post:
    acknowledge: true
    body: |
["licenses":[{"uid":"3aa62ffe-36e1-4fad-bfdd-9df8f301eb22","type":"trial","issue_date_in_millis":152345691721,"expiry_date_in_millis":183881691721,"max_nodes":5,"issued_to":"customer","issuer":"elasticsearch","signature":"AAAAABAAAA2KNcuc+DT0hrlmYZKA AAAAlOx5x6hrsGh1QqrjMny4qmmEC7gK0U4z4q6qZEMhm4jAAABAE6fG9y2vxkBUT3D5hfh56kzOQOD COdhry02d17ZSIJMrQ07ZywPCWNS1aR33GfhHkTER0yszMLoMH/gXavhyRvMRBndjL0fUBKzuvwTawSmnx YteqN8mSBvLcJ7Ki+uISP4LAL2Z2P9nkflRqwXbfTflwYhn7xznGuzDKoOWru/tpFPObo7jcePl8VTk6nWfen7/h CFDQTVZ0Qvdv=nq7AJ1APacHGNxGfbhMVmAXCXgGWeRfT3clo9/vadgo+iisNyh18p9m7n7swsVBAtAIFrp H2EXXYYblOSIpBvUmhYMgErLgl3/bC0spCWLOaX1TMayosdzOjagU3auZXYz=","start_date_in_millis":-1}]}

---

"Installing and getting license works":

## current license version

- do:
  - xpack.license.post:
  - acknowledge: true
  - body: |
    ["licenses":[{"uid":"894371dc-9t49-4997-93cb-802e37fa6a8","type":"trial","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1916956799999,"max_nodes":1,"issued_to":"customer","issuer":"issuser","signature":"AAAAAgAAAA0FWh0T9ajiTjQ2qjmmaAAABmC 9ZN0jhzDBGYnVlyRXCopOW5BSb3fjZDAxOWpWVMOVZuUrXvK1P5xmxaZkZdW5MihlTHXnIN1MXXM vRFk4d3J7ZEx3R3RRZ0pzU3lobWJKZnQvSEFva0ppTHBkWkrZWSZQ9iNmRQNkw1SpL0nDAlZCS095M XRGN11ZlPvYvVTTFlncETe2dzhJZmZrdFQnrN3JQeGwxb00UXMz8dDJHSEIRZTVLOHNzSDByWnpoZEpHZH BEZjUrTvBxRENNSXSmWJjZlalODzdVnEzUjNiWktNWGMSTUqVQ2PluOq41JO4mXMuLu05OfEhQa VB2azhmuTk9QYzhFeTFoM1JQ0RnJSFG53MWk2K052c8zSmRnVfI2JSQkFLV2UXUmVHNDZ2R3o2VE1q bVQNS2lxOHN3bUeZRINmWkZSMvZJWluSUw9WTJENDVvT1NCyYklacUyYK2FwR9Wxa066ldMbbMzMSgIq c3FWOFtgz3ZUcXMvQxt2RUZwMFJnZzlvL2d2bDRWuZ6u5pENGFwRrENXNKneE9PQAABAQBZvozA0 trrxhU1qbshkTkn95KVqV6pvy81g1mSpBZCIkX1SrgoFnlbXq6lVw5q5nmYNi3H3hRtTO9EyaCBqaLkJk NXZQ6T1kQ1qTfF0M1JQ0RnJSFG53MWk2K052c8zSmRnVfI2JSQkFLV2UXUmVHNDZ2R3o2VE1q bVQNS2lxOHN3bUeZRINmWkZSMvZJWluSUw9WTJENDVvT1NCyYklacUyYK2FwR9Wxa066ldMbbMzMSgIq c3FWOFtgz3ZUcXMvQxt2RUZwMFJnZzlvL2d2bDRWuZ6u5pENGFwRrENXNKneE9PQAABAQBZvozA0 trrxhU1qbshkTkn95KVqV6pvy81g1mSpBZCIkX1SrgoFnlbXq6lVw5q5nmYNi3H3hRtTO9EyaCBqaLkJk

- match: { license_status: "valid" }

- do:
  - xpack.license.get: {}
mCYZN0hjZDBGYnVyRXpCOW5Bb3fJzDAXOWpSBTV0MWZuUrxVk1PSmxxakxZdW5IMlhIThNoN1N2M
XMvRFk4d3JTZeEx3R3RZp0zU3lobWKJZnqQsEFva0ppTHBKWKprZWZSQ9iNmRNQkw15lpLN0ldzAiZC0s
5MXRGN1IIZpYcVVTnFrc2E2dhZmZrdFQn3iQgwxboU0UXOzdHDWS0dBByWnpOZEpH
ZHBEZjUrTVBxRENNSXnsWwWjiZzla0OdzdVnEzUjNiwKtNWGM5TuHzQ2piaU0Q1JOum4MXNuU0pSoE
hQaVB2azhmUk9QVzhFeTFoM1Q0RnJXSG53MWk2K055c28zSmRnVk1bJSQkFLV2VXUmVHNDZ2R3o2V
E1IqhBVNO5s2hOhN5bUErZINiWkZSSVzmZIWEtelaSU9wTTJENDVvTINCyklacUyYK2FwRW9xa0t6ddZmbnMzS
GtQc3fWhOqZgZ3ZucxXMvQkt2RUZWmFjznZz1lvL2d2bDWRuUzh6U5pdeNGWFvReXNNKnkEQ9PAAAQAB7pG
FYgawmLm9zzT80LcvLHzjyt1vusZQWqKdxXhrwSy4WrAh2uK+PEi7aEp5erLsyJ5KLA0OEZJDa7t+mj
OpUL0t+154JdMn7yBMzOmwdsDKZRUSegTcRL2R6z+mdnGrhOYM80y0KvW
whdU/DHw41MK7eP06q73Nz49y9LDgt9fxa0t4ggEBPbnTDBBVQ25AjuY8aza0M5eg9DRayw1KamYWrara8
PIGX+2yjhtUeQhmlCDlxc9wECJ7/knPss5bI3ZoXR3fyXhjcXNHeIsb1qRLrMa3PllX7II+KPYMa2ZYL/am4
P"}

- match: { license_status: "valid" }

- do:
xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x

- do:
xpack.license.post:

  acknowledge: true

  body: |
  
  "{"uid":"893361dc-9749-4997-93cb-
  802ed7f4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":141948800000,"feature":"shield","expiry_date_in_millis":191428399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"licenses":[]}

- match: { license_status: "valid" }

- do:
xpack.license.get: {}

- length: { license: 11 }

- do:
xpack.license.post:

  acknowledge: true

  body: |
  
  "{"uid":"893361dc-9749-4997-93cb-
  802ed7f4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":141948800000,"feature":"shield","expiry_date_in_millis":191428399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null,"licenses":[]}

- match: { license_status: "valid" }

- do:
xpack.license.get: {}

- length: { license: 11 }

Open Source Used In CloudCenter Suite Admin 5.3.0 8971
## multiple licenses version: 1.x

- do:
  
  xpack.license.post:
  
  acknowledge: true
  
  body: |
  
  {"licenses": [{
  "uid": "893361dc-9749-9973-93cb-802e3d7faa48",
  "type": "internal",
  "subscription_type": "none",
  "issue_date_in_millis": 1440827999999,
  "max_nodes": 1,
  "issued_to": "issuedTo",
  "issuer": "issuer",
  "signature": 
  "AAAQAQQAAA04Q4k3yFWyfEAAABmCN9Z3NhDbGnVyRnCOW5B3FJZDaOWpSbTVoMVZwUzRzXk1PSmkaxksZdW5IHlInTHhNoNI2NMXmRfk4d3JTZXe3R3RRZ0pzU3lobWJk3znQvSFEva0ppTHbK
kprZWZQ9iNmRQNKw1SlpN0ilALCS095MXRG38N1iZlPycVTTnFrcTEDzhZmZrdFQrN3JQ3eGwxB0U
MZX0dDHJhEriZTVLOH71z5DByWnp0ZEpZhHBEZjUrTVBxRennuNXNSuWJjZlIaOdOzZmWlUjUINWkNoGM5TUHQV2plaUo4Q1JOUml4MXNuL0pSEOHQaVB2azhimUk9QVzhFeTFoM1Q0RnJXSG35MkWk2K055c28z
SmRnRkFlh2JSQkFLV2VXUmVHNDZ2R3o2VE1qBNqVBS2z0HXN5bUeZINWZSvMzFjEruSU9WTTJEND
VvTJNCYklacUYyK2FwR9x0a0666MbbmMzSgQqC3FbWOTGzZ3ZucXMrQvKtURzwMFJnzLzd2bDRwUz
h6U5g2eDNGrfReXHKnkE9PQAAABXmU1m4h2E4R4TQMiJahTqxji4LPQOF1M79UUXKxlDGhC+S35
RHXo80TPRFl1dEh+s+pxx28070vo+PNDsOxxWvoYZeYBOKLA30nyvQga+S2jYhlMxUfrT9xbcSNP
MoGojGiffU2gip0VdCimom1+gk8VktjPBl1wpFzofOQpPpPp/uxxLbgb
Y6k6aH5F25ECBdvlUhrhm9+jjEfpQoELqCovvKk9C+nJZ40ickV4xpRgaRGx9P0OHNS0QNghYGHgBis0x
DmLisLsyVxqXM3n37/jd1E35jCAllsLDQO6H"},
  {
  "uid": "893361dc-9749-9973-93cb-802e3d0f7a48",
  "type": "internal",
  "subscription_type": "none",
  "issue_date_in_millis": 1443484000000,
  "feature": "watchers",
  "expiry_date_in_millis": 1914278399999,
  "max_nodes": 1,
  "issued_to": "issuedTo",
  "issuer": "issuer",
  "signature": 
  "AAAQAQQAAA0Sc90guRIaQEmgLvMnAAABmCN9Z3NhDbGnVyRnCOW5B3FjDAXOWpSbTVoMVZwUzRzXk1PSmkaxksZdW5IHlInTHhNoNI2NMXmRfk4d3JTZXe3S3RRZ0pzU3lobWJk3znQvSFEva0ppTHbK
wKprZWZQ9iNmRQNKw1SlpN0ilALCS095MXRG38N1iZlPycVTTnFrcTEDzhZmZrdFQrN3JQ3eGwxB0
U0MX0dDHJhEriZTVLOH71z5DByWnp0ZEpZhHBEZjUrTVBxRennuNXNSuWJjZlIaOdOzZmWlUjUINWkNoGM5TUHQV2plaUo4Q1JOUml4MXNuL0pSEOHQaVB2azhimUk9QVzhFeTFoM1Q0RnJXSG35MkWk2K055c28z
SmRnRkFlh2JSQkFLV2VXUmVHNDZ2R3o2VE1qBNqVBS2z0HXN5bUeZINWZSvMzFjEruSU9WTTJEND
VvTJNCYklacUYyK2FwR9x0a0666MbbmMzSgQqC3FbWOTGzZ3ZucXMrQvKtURzwMFJnzLzd2bDRwUz
h6U5g2eDNGrfReXHKnkE9PQAAABXmU1m4h2E4R4TQMiJahTqxji4LPQOF1M79UUXKxlDGhC+S35
RHXo80TPRFl1dEh+s+pxx28070vo+PNDsOxxWvoYZeYBOKLA30nyvQga+S2jYhlMxUfrT9xbcSNP
MoGojGiffU2gip0VdCimom1+gk8VktjPBl1wpFzofOQpPpPp/uxxLbgb
Y6k6aH5F25ECBdvlUhrhm9+jjEfpQoELqCovvKk9C+nJZ40ickV4xpRgaRGx9P0OHNS0QNghYGHgBis0x
DmLisLsyVxqXM3n37/jd1E35jCAllsLDQO6H"}
}]

- match: { license_status: "valid" }

- do:
  
  xpack.license.get: {}  

- length: { license: 11 }

- match: { license.uid: "893361dc-9749-9973-93cb-802e3d0f7aa" }

---

"Should throw 404 after license deletion":

- do:
  
  xpack.license.delete: {}

- match: { acknowledged: true }
- do:
  xpack.license.get: {}
  catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version

- do:
  xpack.license.post:
    acknowledge: true
    body: |
      {"license": {"uid": "893361dc-9749-4997-93c8-082e3d7f7a4a8","type": "gold","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAAgAAAA3U8+YmnvwC+WvRmAAABmC9Z0NhjZDBGYnYxRxpCOW5Bb3fjZDAXOWpSbTVoMVZwUzRxVkiPSmXxaxZdW51MlhTHNoN1N2MXMvRFk4d3JTZe3R3RRZ0pzU3lobWJkZnQvSEFa0pppTHBkWkprZWZSQ/j1NmRQNmwISlpLN01dalZC095MXRGN1IlIZlpYcVVTnFrcTE2dzhfZmZdrFqN3JQcGxb6U0MXZ0dDHSERiZTVLOHNzSDByWnpoZEpLHBBE2U7rTVBxRENNSXSnsWjJjZIlaODdzVmEzUjNiWktnWGM5TuhQ2plaUo4QIOUm4MNuULoPSOEhQaVB2azhmUk9QVzhFeTftmQ1ORnaJXSg53MWk2K05s28zSmRnVkJb2JSQFvL2VUXmVHNZD2R3o2VE1qbVNQS2Ir0HN5bUEzIzIWhKzVSmZIWztaSU9wTTJEndVvT1NCYklaCUYyK2FwRw9xa0969dLbmbMzGtqCf3FWOTguzZ3ZUCxHmvQk2RUZwMfJnzvdL2d2bDRWUzh6U5pdENGFtRexUNKKe9PQAAMAQBe8GZfTm6F37luvjet3xK5dvq0K5NQapv+rwcWfQFXgCuzbF8plgetPlaAGZP4uRESDQPMIOCszdO0nqAm977GbQ3193P+PogInPeEH9NvOmaAqOvmxVM95E6DsDqIX4cXSO+bgWpXTldLmopoQc1X6d6B8GeyuYpVHVKn9hVU0tAYJw6H6zYOE7z7uO1OjY0sEQy66AnlFkvHrvni+fylm3tE7tDtsDrzW31BhaqIstEqabEkdVhDPQidSR99XGaEvHo1paK01/35IZ6OXSf7CCj+558GRXiVxuzeOe7TgsGST8g7YjZwV9bRCyU7oB4B/nidg1"}}

- match: { license_status: "valid" }  

- do:
  xpack.license.get: {}

- length: { license: 11 }  

---

"Cannot start basic":

- do:
  bad_request
  xpack.license.post:
    acknowledge: true
    body: |
      {"license": {"uid": "893361dc-9749-4997-93c8-082e3d7f7a4a8","type": "basic","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAAgAAAA3U8+YmnvwC+WvRmAAABmC9Z0NhjZDBGYnYxRxpCOW5Bb3fjZDAXOWpSbTVoMVZwUzRxVkiPSmXxaxZdW51MlhTHNoN1N2MXMvRFk4d3JTZe3R3RRZ0pzU3lobWJkZnQvSEFa0pppTHBkWkprZWZSQ/j1NmRQNmwISlpLN01dalZC095M"}}
- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

---

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

---

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}  

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true
  xpack.license.get_trial_status: {}

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}  

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }

- match: { error_message: "Operation failed: Trial was already activated." }
"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true
---
"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}
- match: { eligible_to_start_basic: true }
- do:
  xpack.license.post_start_basic:
    acknowledge: true
  - match: { basic_was_started: true }
  - match: { acknowledged: true }
- do:
  xpack.license.get_basic_status: {}
  - match: { eligible_to_start_basic: false }
  - do:
    catch: forbidden
    xpack.license.post_start_basic: {}
  - match: { basic_was_started: false }
  - match: { acknowledged: true }
  - match: { error_message: "Operation failed: Current license is basic." }
---
"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}
  - match: { basic_was_started: false }
  - match: { acknowledged: false }
  - match: { error_message: "Operation failed: Needs acknowledgement." }

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1.501 lvm2-libs 2.02.187-6.el7_9.5

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1.510 bcpg-jdk15on 1.64

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1.511 libmount 2.34-r1

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1.512 multi-json 1.13.1

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1.513 libc-utils 0.7.2 r0

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Version 3, 29 June 2007

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1.515 libxtst 1.2.3-r3

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1.516 libstd-c 10.3.0 1ubuntu1~20.04

1.516.1 Available under license :

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
The current gcc-10 source package is taken from the SVN gcc-10-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-10</td>
<td>libgnat-10</td>
<td>gnat-10-doc</td>
</tr>
<tr>
<td>BRIG</td>
<td>gccbrig-10</td>
<td>libhsail-rt0</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>gcc-10</td>
<td>gcc-10-doc</td>
<td></td>
</tr>
<tr>
<td>C++</td>
<td>g++-10</td>
<td>libstdc++6</td>
<td>libstdc++6-10-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-10</td>
<td>libgfortran5</td>
<td>gfortran-10-doc</td>
</tr>
<tr>
<td>Go</td>
<td>gccgo-10</td>
<td>libgo0</td>
<td></td>
</tr>
<tr>
<td>Objective C</td>
<td>gobjc-10</td>
<td>libobjc4</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>gobjc++-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modula-2</td>
<td>gm2-10</td>
<td>libgm2</td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

| Language     | Sources | Development     | Debugging     | Position-Independent |
|--------------|---------|----------------|---------------|
| C++          |         | libstdc++6-10 dbg | libstdc++6-10 pic |
| D            |         | libphobos-10-dev |               |

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4, GCC intrinsics (platform-dependent)
gcc-10-base, Base files common to all compilers
gcc-10-soft-float, Software floating point (ARM only)
gcc-10-source, The sources with patches

Ada:
libgnat-uti10-dev, libgnat-uti10, GNAT version library

C:
cpp-10, cpp-10-doc, GNU C Preprocessor
libssp0-dev, libssp0, GCC stack smashing protection library
libquadmath0, Math routines for the __float128 type
fixincludes                     Fix non-ANSI header files

C, C++ and Fortran 95:
libgomp1-dev, libgomp1GCC OpenMP (GOMP) support library
libitm1-dev, libitm1GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code,
Debian provides additional packages containing 32-bit versions of some
libraries. These packages have names beginning with 'lib32' instead of 'lib',
for example lib32stdc++6. Similarly, on some 32-bit platforms which
can also run 64-bit code, Debian provides additional packages with names
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gcc/coretypes.h, gcc/ctstuff.c, gcc/defaults.h, gcc/dwarf2.h, gcc/emults.c, gcc/gbl-ctors.h, gcc/gcov-io.h, gcc/libgcov.c, gcc/tsystem.h, gcc/typeclass.h).
- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-10 Ada support library and libgnat-util10 library.
- Various config files in gcc/config/ used in runtime libraries.
- libvtv

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Developed by:

LLVM Team

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D:
gdc-10 GNU D Compiler
libphobos-10-dev D standard runtime library

The D source package is made up of the following components.

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- d/*

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The DMD Compiler implementation of the D programming language:
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The Zlib data compression library:
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alternative is allowed only occasionally and noncommercially, and
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+++++++++++++++

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

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

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

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

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.
Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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

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

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

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

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

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<signature of Ty Coon>, 1 April 1990
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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Thus, it is not the intent of this section to claim rights or contest
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In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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

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

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

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language

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    University of Illinois at Urbana-Champaign

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<tr>
<td>mach_override</td>
<td>lib/interception/mach_override</td>
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1.523 libselinux-python 2.5-15.el7

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1.524 exim 4.89 2+deb9u3

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

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

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

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

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

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

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

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

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

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $<
| sed "s/\(\$*\)\(.*\)\.(o|c) \:\;/:\1.\2 $@ \; /g" > $@; \\
[ -s $@ ] || rm -f $@"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $<
| sed "s/\(\$*\)\(.*\)\.(o|c) \:\;/:\1.\2 $@ \; /g" > $@; \\
[ -s $@ ] || rm -f $@"

## Versioned libraries rules

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

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

## End FreeBSD-specific setup

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### 1.527 registry-auth-token 3.3.2

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1.528 widest-line 2.0.1

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1.529 musl-utils 1.1.20-r3

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1.530 libgnutls 3.6.7-4

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Contributed by Ben Elliston <bje@au.ibm.com>. */

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To: Jonathan Nieder <jrnieder@gmail.com>
Subject: Re: XZ utils for Debian
Date: Sun, 19 Jul 2009 13:28:23 +0300
Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

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1.540 multipart-post 2.0.0
1.540.1 Available under license:
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```ruby
## multipart-post

* http://github.com/nicksieger/multipart-post

![build status](https://travis-ci.org/nicksieger/multipart-post.png)

#### DESCRIPTION:

Adds a streamy multipart form post capability to Net::HTTP. Also supports other methods besides POST.

#### FEATURES/PROBLEMS:

* Appears to actually work. A good feature to have.
* Encapsulates posting of file(binary parts and name/value parameter parts, similar to most browsers' file upload forms.
* Provides an UploadIO helper class to prepare IO objects for inclusion in the params hash of the multipart post object.

#### SYNOPSIS:

```ruby
require 'net/http/post/multipart'

url = URI.parse('http://www.example.com/upload')
File.open("./image.jpg") do |jpg|
  req = Net::HTTP::Post::Multipart.new url.path,
    "file" => UploadIO.new(jpg, "image/jpeg", "image.jpg")
  res = Net::HTTP.start(url.host, url.port) do |http|
    http.request(req)
  end
```
To post multiple files or attachments, simply include multiple parameters with UploadIO values:

```ruby
require 'net/http/post/multipart'

url = URI.parse('http://www.example.com/upload')
req = Net::HTTP::Post::Multipart.new url.path,
  "file1" => UploadIO.new(File.new('./image.jpg'), "image/jpeg", "image.jpg"),
  "file2" => UploadIO.new(File.new('./image2.jpg'), "image/jpeg", "image2.jpg")
res = Net::HTTP.start(url.host, url.port) do |http|
  http.request(req)
end
```

#### REQUIREMENTS:
None

#### INSTALL:

gem install multipart-post

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jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /opt/cola/permits/1108987597_1606240578.93/0/netty-handler-4-1-32-final-sources-1-
jar/io/netty/handler/ssl/IpFilterRule.java
* /opt/cola/permits/1108987597_1606240578.93/0/netty-handler-4-1-32-final-sources-1-
jar/io/netty/handler/ssl/Util/OpenJdkSelfSignedCertGenerator.java
* /opt/cola/permits/1108987597_1606240578.93/0/netty-handler-4-1-32-final-sources-1-
jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1108987597_1606240578.93/0/netty-handler-4-1-32-final-sources-1-
jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/cola/permits/1108987597_1606240578.93/0/netty-handler-4-1-32-final-sources-1-
jar/io/netty/handler/ssl/OpenSslServerContext.java
* /opt/cola/permits/1108987597_1606240578.93/0/netty-handler-4-1-32-final-sources-1-
jar/io/netty/handler/ssl/Java7SslParametersUtils.java
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jar/io/netty/handler/ssl/Java8SslUtils.java
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jar/io/netty/handler/ssl/DelegatingSslContext.java
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jar/io/netty/handler/ssl/PemX509Certificate.java
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jar/io/netty/handler/ssl/utils/X509TrustManagerWrapper.java

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1.547 libsensor-config 1:3.5.0-3

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

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Julian Seward, jseward@bzip.org
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Modifications: Added cronjob, configuration file, and man pages.

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for both license changes.

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
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Discussion thread from mailing list archive, with approval from everyone actively
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[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike
Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
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-- Nathan
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Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
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> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

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Sent: Monday, October 01, 2007 8:33 PM
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Subject: Re: [Cracklib-devel] cracklib license

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Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
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best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
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license in this situation.

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If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
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In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
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yes. go for it. thanks++

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Nathan Neulinger is the only one who can actually make said change ...

-mike

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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
---
CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
    Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
    by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
    by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTPT id I91Gxptr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
    by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTPT id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (heloo=192.168.1.3)
by rutherford.zen.co.uk with esmtpt (Exim 4.50)
id 11cOCX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afplf2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
    <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
    <1b1b3fd80710010908k11dac0afplf2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

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SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtp020623
 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
 by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
 for <nneul@neulinger.org>; Mon, 01 Oct 2007 09:59:50 -0700 (PDT)
 Received: from [82.68.43.14] (helo=[192.168.1.3])
 by rutherford.zen.co.uk with esmtp (Exim 4.50)
 id 11cc20x-0004Qt-6L
 for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dacz0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dacz0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=floowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56F6BE6E9F@crypticide.com>
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X-Originating-Rutherford-IP: [82.68.43.14]

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The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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

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

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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

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

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

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

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

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

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

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

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

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This API enables you to retrieve licensing information.

`GET `/_xpack/license``

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

`local`::
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

You must have `monitor` cluster privileges to use this API.
For more information, see <<security-privileges>>.
==== Examples

The following example provides information about a trial license:

[source,js]
--------------------------------------------------
GET _xpack/license
--------------------------------------------------

// CONSOLE

[source,js]
--------------------------------------------------
{
  "license": {
"status": "active",
"uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
"type": "trial",
"issue_date": "2018-10-20T22:05:12.332Z",
"issue_date_in_millis": 1540073112332,
"expiry_date": "2018-11-19T22:05:12.332Z",
"expiry_date_in_millis": 1542665112332,
"max_nodes": 1000,
"issued_to": "test",
"issuer": "elasticsearch",
"start_date_in_millis": -1
  }
}

-------------------

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx/\$body.license.uid/]
// TESTRESPONSE[s/"basic/\$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z/\$body.license.issue_date/]
// TESTRESPONSE[s/1540073112332/\$body.license.issue_date_in_millis/]
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z/\$body.license.expiry_date/]
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9
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</li>

</ul>

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Cryptacular Java Library

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<span class="signed-out-tab-flash">You signed out in another tab or window. <a href="">Reload</a> to refresh your session.</span>
</div>
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</button>
</div>
</div>
</body>
</html>

[role="xpack"]
[testenv="basic"]
[[delete-license]]
=== Delete license API
++++
Delete license

This API enables you to delete licensing information.

```plaintext
Request
'DELETE /_xpack/license'
```

**Description**

When your license expires, `{xpack}` operates in a degraded mode. For more information, see `{stack-ov}/license-expiration.html`[License expiration].

**Authorization**

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

**Examples**

The following example queries the info API:

```javascript
------------------------------------------------------------
DELETE _xpack/license
------------------------------------------------------------
// CONSOLE
// TEST[skip:license testing issues]
```

When the license is successfully deleted, the API returns the following response:

```javascript
{
  "acknowledged": true
}
```

// NOTCONSOLE

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Version 3.1, 31 March 2009

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```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
```

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```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
```

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```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.
A typical listener for `DeleteLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
```

-------

include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]

-------

<1> Called when the execution is successfully completed. The response is provided as an argument.

<2> Called in case of failure. The raised exception is provided as an argument.

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Nori Korean Morphological Analyzer - Apache Lucene Integration
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This API enables you to update your license.

```
PUT _xpack/license
```

You can update your license at runtime without shutting down your nodes.
License updates take effect immediately. If the license you are installing does
not support all of the features that were available with your previous license,
however, you are notified in the response. You must then re-submit the API
request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see
https://www.elastic.co/subscriptions.

`acknowledge`:
(boolean) Specifies whether you acknowledge the license changes. The default
value is `false`. 
--- Request Body

`licenses`:

(array) A sequence of one or more JSON documents containing the license information.

--- Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

--- Examples

The following example updates to a basic license:

[source,js]
---

POST `_xpack/license`

{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
---

// CONSOLE

// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.
You can alternatively use a `curl` command, for example:

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

On Windows machine, use the following command:

```bash
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

```json
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",
    "watcher": ["Watcher will be disabled"],
    "logstash": ["Logstash will no longer poll for centrally-managed pipelines"],
    "security": ["The following X-Pack security functionality will be disabled: ..."]
  }
}
```
To complete the update, you must re-submit the API request and set the ‘acknowledge’ parameter to ‘true’. For example:

[source,js]

POST _xpack/license?acknowledge=true

```json
{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
```

Alternatively:

[source,sh]

```sh

curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json
```

For more information about the features that are disabled when you downgrade your license, see {stack-ov}/license-expiration.html

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The art of simplicity is a puzzle of complexity.

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

Apache HttpComponents Core

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source","java",subs="attributes,callouts,macros"]

--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
--------------------------------------------------

[[java-rest-high-get-license-response]]
The returned `GetLicenseResponse` contains the license in the JSON format.

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
--------------------------------------------------
<1> The text of the license.
```

Asynchronous Execution

This request can be executed asynchronously:

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
--------------------------------------------------
<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
--------------------------------------------------
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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[[java-rest-high-put-license]]

=== Update License
The license can be added or updated using the `putLicense()` method:

```
<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.
<2> A JSON document containing the license information.
```

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```
<1> The status of the license
<2> Make sure that the license is valid.
<3> Check the acknowledge flag. It should be true if license is acknowledged.
<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
<5> and check component-specific messages in `acknowledgeMessages()`.
```

This request can be executed asynchronously:

```
<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```
The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
--------------------------------------------------
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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Elasticsearch X-Pack

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic X-Pack features. +
+
--
If set to `trial`, the self-generated license gives access only to all the features of a X-Pack for 30 days. You can later downgrade the cluster to a basic license if needed.
--

```
<copyrightabbrev>License Settings</copyrightabbrev>
```

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see

```
[stack-ov]/license-management.html[License management].
```

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---

"Installing and getting license works":

## current license version

- do:
xpack.license.post:
  acknowledge: true
  body: |
  ["licenses":{"uid":"3aa62ffe-36e1-4fad-bfdc-9df8301eb22","type":"trial","issue_date_in_millis":1523456691721,"expiry_date_in_millis":1838816691721,"max
  _nodes":5,"issued_to":"customer","issuer":"elasticsearch","signature":"AAAAABAAAAA2kWNcut+DT0lrmYZKA
  AAAIAo5/x6hrsGhlGqrrJmy4qlmEC7gK0U4zQ6q5ZEMhm4jAAABAEn6fG9y2xKBu2T3D5hffh56zkQOQOD
  C0dhr0y2d17ZSIJMRzRq07YwPCWNS1aR33GhIfIkTER0ysML0xMHgXavhyRvMBndJ0UBKzuwpTawSnx
  YtcqN8mSBIvJC7Ki+uI5pAIICZ2P9fnkRlgwXqBIoTwYn7xnZgu9DKzOWnu/ipTPObo7jcePl8VTK6nWFen7/h
  CFDQQTUFZ0Qvd+nqA1PAcHGNxGfdBMVnAXCXgGWkRF73clo9/vadgo+iSNyh1Ps9m7gsvBAktA1Frp
  H2EXYYybfoSpBvUmhYMgErLg1k3/CbS0pCWlKOaX1xTMayosdZOjagU3auXZYY=","start_date_in_millis":-1}]

---

"Installing and getting license works":

## current license version

- do:
xpack.license.post:
  acknowledge: true
  body: |
  ["licenses":{"uid":"894371dc-9t49-4997-93cb-802e37f6a8"","type":"trial","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1916956799999,"max
  _nodes":1,"issued_to":"issuer","issuer":"AAAGAaA0FWh0T9njItjQ2qammmAABBMc
  9ZN0hjZDBGYnVyrRxpCOW5Bh3FjzDAXoOWpSbTvOvMZWzUzvXv1PsMxaxXzdw51MhlTHNoN1N2MXM
  vRFk4d3JTZeX3R39Z0IPuzSlobWKZnqVwFw0OpfTHBlkWkprZWt3Q9iNMqNkw1SmpLNo1DzS054
  AXRGN1I1ZpCyVvTTTnFrcETzddhJZmZrdQFRn3JQgeGwxb0U0MXZ0dJH5EriZTVLOhNzSDByWnpoZPhZ
  BESJUrTVBxRENSXNxWWjZIIaODzVmhEzUjINkTnNWGM5TUhQV2plaUo4Q1JOuNl4MXNuL0pSOehQa
  VB2azhmUk9QVzhFeTFoM1Q0RnJXSgg53MWk2K055c28sSmRnVkJb2JSQkFV2XUmVHNDZ2R3o2VE1q
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

## a license object has 11 attributes

- length: { license: 11 }

## bwc for licenses format

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    "licenses": [{"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":"issued_to","issuer":"issuer","signature":"AAAAAwAAAA2T3vqdBBetKQuBxipAAABmc9ZN0hjZDBGynVxRpxCOW5Bbh3fjZDAxOWpSTVoMVZwUxRvXk1PsmkxakZzdW5ImlhIINhO1N2MXMVRK4d3JZTez3R3RRZ0pzU3loWJKZnQvSEFa0ppTHBkWkpzWZSb9iNnRQXnkw155pL01DalIZCS095MXRGN1IzIpYcVVTnFnCT2dzhJmZrdFQrN3QjQeGwxgb0U0MXZ0dDjHsErIZTtVLOHnzdSDByWnp0ZEpZHBEZjUrTVBxRENNXSNsWWjiZIaOdzVmEzUjNiWktNWGM5TUhQV2plaUo4Q1JOUml4MNxUloP0SEhQVAb2ahmUk9QVfFeFtoM1QORnlxSG53MWk2K055c28SmRnVkFlh2JSQkFLV2VXUmVHNDZ2R3o2VE1qbnVQS2hOH5n5bUErZINIKwZSVmZlWEtaSU9wTJtJNDVvT1NCYklaeUYyK2FwRW9xa0t6ddMbmbMzSGtQc3FWOTgzZ3UcXMvQktr2RUZwMFJznZzIvL2d2bDRWUzh6UG5pdENGWFRreXNNKNe9PQAQAQB7pGFGytwfLMzZT0LvaLHlj1tvu2szCQKwdXXhrwSy4WvAI deuxK+4PeiQ7aEpfW5erLsYJ5KLA6OEZJDaP7r+mpjOPuL+0tp+15j4DMn7yBMOPHXBc6fL3TE3+pp0GZPyOmwsDkZSRueTctR2R6z+mdnGrh0YM80y08KVWhdUDHw4IMKePo6q73N3n49y9Dg9fxA0t4ggEBpBHnTDBBVQ5Ajaay8a0M5eg9DDrayw1KamYWarar8PGX+2YjhtUeQhmlCPdlxc9wECJ7/knPss5bI3ZoXQR3fyXhjcXNnHEIslblqLrMCa1pLxs7II+KPYMa2ZYLa/amu4P"]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x

- do:
  xpack.license.post:
    acknowledge: true
    body: |
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}  

- length: { license: 11 }
- match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }

---

"Should throw 404 after license deletion":  
- do:
  xpack.license.delete: {}  

- match: { acknowledged: true }

- do:
  xpack.license.get: {}  

  catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version  
- do:
  xpack.license.post:  
    acknowledge: true  

  body: |
    {"license": {"uid": "893361dc-9749-4997-93cb-802e3dofh7aa","type": "gold","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAAgAAAA3U8+YmnvwC+CWsV/mRAAABmC92Z0NhZDBGyVnRxpCOW5Bb3FZDAXOWpSTVoMVzwUrsVx1PSmkxakzDwi5MLihTHNoN1N2MXMvRFK4d3TZEz3R3RRZ0p13UobWJKZnQvSEFva0ppTHBwKpzwZWSZQi9iNnmROk1s1SPlNL0IdZC5S905XMNGn1IzIrZyvCSTnFrLe2dzhZmzDr5Qnt3Q3Ce0wux0BIXZ0dXJHERzITLOHnzSDByWmpoZEpKzHBEZjUrTVBxRNNXsWwjZiLaDdazMezUjiNiZktnWGM5UihQV2p4laUo4qJOuml4MXNul0pSEoEhQaVB2azhmUk9VQzHeTFMoMIQ0RnJXSG53MWk2K055c28SmRnVkF1b2J5QvFL2VXUmVHNDD2R3o2VE1qVQnQ21x0OH5uBzEjIiukWZMyZVtWhDOnW7j9W8eTtJDENVwTNXYkLay_zY2FnwRWx06hdipObmZmS67Qce3FWOTy23Z3UcXMzqzTr2UzmfMjNzZlJ2lzD2bDRWuzHzjU65j5pENGWFRExXKNE1EQj9PQAAAQe8GfzDm6T357Iuvjveth3xK5dvqOK5NQapv+rczWcFQxgCuzh8pplkgetPlaAGZP4uRESQPMIOcxs4d0UqgAm97GbBQ393p+PogInFeEH9NvOmaAQovmzVM9SE6sDq1X4cXSO+bgWpXPTD2LmopoQz1fX6dBZ8GeuyY
match: { license_status: "valid" }

do:
  xpack.license.get: {}

length: { license: 11 }

"Cannot start basic":

do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
    
    "Cannot start basic":
      do:
        catch: bad_request
        xpack.license.post:
          acknowledge: true
          body: {}

"Should fail gracefully when body content is not provided":

do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

"Should fail gracefully when body content is not provided":

do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }
  - do:
    xpack.license.post_start_basic:
      acknowledge: true

- match: { basic_was_started: true }
  - do:
    xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }
  - do:
    catch: forbidden
    xpack.license.post_start_trial:
      acknowledge: true

- match: { trial_was_started: false }
  - match: { error_message: "Operation failed: Trial was already activated." }

  ---
  "Trial license cannot be basic":
  - do:
    catch: bad_request
    xpack.license.post_start_trial:
      type: "basic"
      acknowledge: true

  ---
  "Can start basic license if do not already have basic":
  - do:
    xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }
  - do:
    xpack.license.post_start_basic:
      acknowledge: true

- match: { basic_was_started: true }
  - match: { acknowledged: true }
  - do:
    xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }
  - do:
    xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }
- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }
---
"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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

#include <netinet/in.h>

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

#include <apr_strings.h>

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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  jar/org/apache/thrift/transport/TServerSocket.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
  jar/org/apache/thrift/server/ThreadPoolServer.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
  jar/org/apache/thrift/EncodingUtils.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
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  jar/org/apache/thrift/transport/TFileTransport.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
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* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
  jar/org/apache/thrift/ProcessorFactory.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
  jar/org/apache/thrift/server/THttpClient.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
  jar/org/apache/thrift/protocol/TTupleProtocol.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
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  jar/org/apache/thrift/MultiplexedProcessor.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-
  jar/org/apache/thrift/async/AsyncClient.java
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* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-jar/org/apache/thrift/TBase.java
* /opt/cola/permits/1109000418_1606240354.54/0/libthrift-0-10-0-sources-1-jar/org/apache/thrift/transport/TIOStreamTransport.java

1.559 ncurses-libs 6.1_p20191130-r0

1.559.1 Available under license:
Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

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

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1.560 cmake-data 3.13.4-1

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* Will Dicharry <wdicharry@stellarscience.com>

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'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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

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-------
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^CMAKE_INSTALL_BINDIR='bin'
CMAKE_INSTALL_DATADIR='share'
CMAKE_INSTALL_DATAROOTDIR='share'
CMAKE_INSTALL_DOCDIR='share/doc/Ust'
CMAKE_INSTALL_INCLUDEDIR='include'
CMAKE_INSTALL_INFODIR='info'
CMAKE_INSTALL_LIBDIR=('lib'|'lib64'|'lib/arch')
CMAKE_INSTALL_LIBEXECDIR='libexec'
CMAKE_INSTALL_LOCALSTATEDIR='share/locale'
CMAKE_INSTALL_LOCALSTATEDIR='var'
CMAKE_INSTALL_RUNSTATEDIR='var/run'
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Julian Seward, jsward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007
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```
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CMAKE_INSTALL_DATADIR='usr/share'
CMAKE_INSTALL_DATAROOTDIR='usr/share'
CMAKE_INSTALL_DOCDIR='usr/share/doc/Root'
CMAKE_INSTALL_INCLUDEDIR='usr/include'
CMAKE_INSTALL_INFODIR='usr/info'
CMAKE_INSTALL_LIBDIR='usr/(lib|lib64)'
CMAKE_INSTALL_LIBEXECDIR='usr/libexec'
CMAKE_INSTALL_LOCALEDIR='usr/share/locale'
CMAKE_INSTALL_LOCALSTATEDIR='var'
CMAKE_INSTALL_RUNSTATEDIR='var/run'
CMAKE_INSTALL_MANDIR='usr/man'
CMAKE_INSTALL_SBINDIR='usr/sbin'
CMAKE_INSTALL_SHAREDSTATEDIR='usr/com'
CMAKE_INSTALL_SYSCONFDIR='etc'
CMAKE_INSTALL_FULL_BINDIR='/usr/bin'
CMAKE_INSTALL_FULL_DATADIR='/usr/share'
CMAKE_INSTALL_FULL_DATAROOTDIR='/usr/share'
CMAKE_INSTALL_FULL_DOCDIR='/usr/share/doc/Root'
CMAKE_INSTALL_FULL_INCLUDEDIR='/usr/include'
CMAKE_INSTALL_FULL_INFODIR='/usr/info'
CMAKE_INSTALL_FULL_LIBDIR='/usr/(lib|lib64)'
CMAKE_INSTALL_FULL_LIBEXECDIR='/usr/libexec'
CMAKE_INSTALL_FULL_LOCALEDIR='/usr/share/locale'
CMAKE_INSTALL_FULL_LOCALSTATEDIR='/var'
CMAKE_INSTALL_FULL_RUNSTATEDIR='/var/run'
CMAKE_INSTALL_FULL_MANDIR='/usr/man'
CMAKE_INSTALL_FULL_SBINDIR='/usr/sbin'
CMAKE_INSTALL_FULL_SHAREDSTATEDIR='/usr/com'
CMAKE_INSTALL_FULL_SYSCONFDIR='/etc'
```

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hello world
merhaba dnya

4-Byte sequences:
Perch (Fish) Elevator!

`CMAKE_INSTALL_BINDIR='bin'
CMAKE_INSTALL_DATADIR='share'
CMAKE_INSTALL_DATAROOTDIR='share'
CMAKE_INSTALL_DOCDIR='share/doc/Opt'
CMAKE_INSTALL_INCLUDEDIR='include'
CMAKE_INSTALL_INFODIR='info'
CMAKE_INSTALL_LIBDIR=('lib'|'lib64')
CMAKE_INSTALL_LIBEXECDIR='libexec'
CMAKE_INSTALL_LOCALEDIR='share/locale'
CMAKE_INSTALL_LOCALSTATEDIR='var'
CMAKE_INSTALL_RUNSTATEDIR='var/run'
CMAKE_INSTALLMANDIR='man'
CMAKE_INSTALL_SBINDIR='sbin'
CMAKE_INSTALL_SHAREDSTATEDIR='com'
CMAKE_INSTALL_SYSCONFDIR='etc'
CMAKE_INSTALL_FULL_BINDIR='/opt/Opt/bin'
CMAKE_INSTALL_FULL_DATADIR='/opt/Opt/share'
CMAKE_INSTALL_FULL_DATAROOTDIR='/opt/Opt/share'
CMAKE_INSTALL_FULL_DOCDIR='/opt/Opt/share/doc/Opt'
CMAKE_INSTALL_FULL_INCLUDEDIR='/opt/Opt/include'
CMAKE_INSTALL_FULL_INFODIR='/opt/Opt/info'
CMAKE_INSTALL_FULL_LIBDIR='/opt/Opt('/lib'|'lib64')'
CMAKE_INSTALL_FULL_LIBEXECDIR='/opt/Opt/libexec'
CMAKE_INSTALL_FULL_LOCALEDIR='/opt/Opt/share/locale'
CMAKE_INSTALL_FULL_LOCALSTATEDIR='/var/opt/Opt'
CMAKE_INSTALL_FULL_RUNSTATEDIR='/var/run/opt/Opt'
CMAKE_INSTALL_FULL_MANDIR='/opt/Opt/man'
CMAKE_INSTALL_FULL_SBINDIR='/opt/Opt/sbin'
CMAKE_INSTALL_FULL_SHAREDSTATEDIR='/opt/Opt/com'
CMAKE_INSTALL_FULL_SYSCONFDIR='/etc/opt/Opt'

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**1.566 libkrb 1.17 3**

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

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
and the initial implementation of incremental propagation, including
the following new or changed files:

include/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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This gmp package was built for Debian by

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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/SimpleUserEventChannelHandler.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/socket/nio/NioChannelOption.java

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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/pool/package-info.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/pool/ChannelHealthChecker.java
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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/pool/ChannelPoolHandler.java
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*/
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/pool/FixedChannelPool.java
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jar/io/netty/channel/pool/ChannelPool.java
*/
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/pool/AbstractChannelPoolMap.java
*/
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
jar/io/netty/channel/PreferHeapByteBufAllocator.java

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*/
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jar/io/netty/channel/ChannelOutboundInvoker.java
*/
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jar/io/netty/channel/SelectStrategy.java
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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-jar/io/netty/channel/ChannelFactory.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-jar/io/netty/channel/PendingWriteQueue.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}. *
*<h3>Sub-types</h3>
*<p>*[@link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its subtypes:
*<ul>*<li>[@link ChannelInboundHandler] to handle inbound I/O events, and</li>*<li>[@link ChannelOutboundHandler] to handle outbound I/O operations.</li>*</ul>*<p>*Alternatively, the following adapter classes are provided for your convenience:
*<ul>*<li>[@link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>*<li>[@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>*<li>[@link ChannelDuplexHandler] to handle both inbound and outbound events</li>*</ul>*<p>*For more information, please refer to the documentation of each subtype. *
* </p>*
*<h3>The context object</h3>*
*<p>*A [@link ChannelHandlerContext] object. A [@link ChannelHandler] is supposed to interact with the
*[@link ChannelPipeline] it belongs to via a context object. Using the
*context object, the [@link ChannelHandler] can pass events upstream or
downstream, modify the pipeline dynamically, or store the information
*(using [@link AttributeKey]s) which is specific to the handler. *
*<h3>State management</h3>*
* *A [@link ChannelHandler] often needs to store some stateful information.
*The simplest and recommended approach is to use member variables:
*<pre>*<br>public interface Message {
*   // your methods here
* }
* *
*public class DataServerHandler extends [@link SimpleChannelInboundHandler]&lt;Message&gt; { [
private boolean loggedIn;

{@code @Override}
public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
    if (message instanceof LoginMessage) {
        authenticate((LoginMessage) message);
        loggedIn = true;
    } else (message instanceof GetDataMessage) {
        if (loggedIn) {
            ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
        } else {
            fail();
        }
    }
}

Because the handler instance has a state variable which is dedicated to
one connection, you have to create a new handler instance for each new
channel to avoid a race condition where a unauthenticated client can get
the confidential information:

// Create a new handler instance per channel.
// See {@link ChannelInitializer#initChannel(Channel)}.
public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}> {
    {@code @Override}
    public void initChannel({@link Channel} channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
}

Using {@link AttributeKey}s

Although it's recommended to use member variables to store the state of a
handler, for some reason you might not want to create many handler instances.
In such a case, you can use {@link AttributeKey}s which is provided by
{@link ChannelHandlerContext}:

public interface Message {
    // your methods here
}

{@code @Sharable}
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth =
* { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
* 
* { @code @Override}
* public void channelRead({ @link ChannelHandlerContext} ctx, Message message) {
* { @link Attribute}<{ @link Boolean}> attr = ctx.attr(auth);
* if (message instanceof LoginMessage) {
*   authenticate((LoginMessage) o);
*   attr.set(true);
* } else (message instanceof GetDataMessage) {
*   if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*     ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*   } else {
*     fail();
*   }
* }
* }
* ...
* }
* </pre>
* Now that the state of the handler is attached to the { @link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* *<pre>
* public class DataServerInitializer extends { @link ChannelInitializer}&lt;{ @link Channel}&gt; { 
*   private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
* 
*   { @code @Override}
*   public void initChannel({ @link Channel} channel) {
*     channel.pipeline().addLast("handler", <b>SHARED</b>);
*   }
* }
* </pre>
* *
* <h4>The { @code @Sharable} annotation</h4>
* <p>
* In the example above which used an { @link AttributeKey},
* you might have noticed the { @code @Sharable} annotation.
* <p>
* If a { @link ChannelHandler} is annotated with the { @code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more { @link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
  *
  * <h3>Additional resources worth reading</h3>
  * <p>
  * Please refer to the [@link ChannelHandler], and
  * [@link ChannelPipeline] to find out more about inbound and outbound operations,
  * what fundamental differences they have, how they flow in a pipeline, and how to handle
  * the operation in your application.
  */

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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/MessageSizeEstimator.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/ChannelHandlerContext.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/socket/oio/SelectedSelectionKeySet.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
  jar/io/netty/channel/group/ChannelMatcher.java
* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
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* /opt/cola/permits/1108987260_1606239838.26/0/netty-transport-4-1-32-final-sources-1-
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* javax.websocket:javax.websocket-api

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Oracle OpenJDK
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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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1.592 slf4j-log4j 1.7.5

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* /opt/cola/permits/1170368539_1622593801.08/0/slf4j-log4j12-1-7-5-sources-3-jar/org/slf4j/impl/StaticMDCBinder.java
* /opt/cola/permits/1170368539_1622593801.08/0/slf4j-log4j12-1-7-5-sources-3-jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/1170368539_1622593801.08/0/slf4j-log4j12-1-7-5-sources-3-jar/org/slf4j/impl/Log4jMarkerBinder.java
* /opt/cola/permits/1170368539_1622593801.08/0/slf4j-log4j12-1-7-5-sources-3-jar/org/slf4j/impl/Log4jMDCAdapter.java
* /opt/cola/permits/1170368539_1622593801.08/0/slf4j-log4j12-1-7-5-sources-3-jar/org/slf4j/impl/StaticMarkerBinder.java
1.593 cron 3.0pl1 136ubuntu1

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$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $

Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for 'man' and you probably do not. Therefore you may have to put the man pages into /usr/man/manl, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL
to be /usr/bin/sendmail even though sendmail is installed in /usr/lib.
you should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have
a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file
for help on this.

Use the `crontab' command to install all the little pieces you just created.
Some examples (see below before trying any of these!)

crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src

Notes on above examples: (1) the .src files are copied at the time the
command is issued; changing the source files later will have no effect until
they are reinstalled with another `crontab -r' command. (2) The crontab
command will affect the crontab of the person using the command unless `-u
USER' is given; `-u' only works for root. When using most `su' commands
under most BSD's, `crontab' will still think of you as yourself even though
you may think of yourself as root -- so use `-u' liberally. (3) the `-r'
option stands for `replace'; check the man page for crontab(1) for other
possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up
/etc/cron. Comment it out and add a line to start the new cron daemon
-- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron
(or whatever); no `&' is needed since the daemon forks itself and the
process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX,
you will need the public-domain "libndir", found in the B News source and in
any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0p1_orig-tar-bz2/cron-3-0p1_orig-tar-gz/cron-
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Vixie Cron V3.0
December 27, 1993
[V2.2 was some time in 1992]
[V2.1 was May 29, 1991]
[V2.0 was July 5, 1990]
[V2.0-beta was December 9, 1988]
[V1.0 was May 6, 1987]
Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It
is functionally based on the SysV cron, which means that each user can have
their own crontab file (all crontab files are stored in a read-protected
directory, usually /var/cron/tabs). No direct support is provided for
'at'; you can continue to run 'atrun' from the crontab as you have been
doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files
"allow" and "deny" in /var/cron can be used to control access to the
"crontab" command (which installs crontabs). It hasn't been tested on
SysV, although some effort has gone into making the port an easy one.

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please, don't flame me for wanting my work to see a wider distribution.
To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files
Edit config.h
Edit Makefile
(both of these files have instructions inside; note that
some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)
'make'
'su' and 'make install'
(you may have to install the man pages by hand)
kill your existing cron process
(actually you can run your existing cron if you want, but why?)
build new crontabs using /usr/lib/{crontab,crontab.local}
(either put them all in "root"'s crontab, or divide it up
and rip out all the 'su' commands, collapse the lengthy
lists into ranges with steps -- basically, this step is as much work as you want to make it)
start up the new cron
(must be done as root)
watch it. test it with 'crontab -r' and watch the daemon track your changes.
if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp $

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* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/README

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" @(#)bitstring.3 5.1 (Berkeley) 12/13/89
"

Found in path(s):
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.3
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* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c
* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/job.c
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 * @(#)bitstring.h 5.2 (Berkeley) 4/4/90
 */

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* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.org/bitstring.h

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"
" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
"

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/* /opt/cola/permits/1223164981_1635867556.65/0/cron-3-0pl1-orig-tar-bz2/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.5
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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
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A. HISTORY OF THE SOFTWARE

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

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

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

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.
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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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-------------------------------------------------------------------------
Patch for Ubuntu bug #399071

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

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam/modules/pam_motd/pam_motd.c
===================================================================
--- pam.orig/modules/pam_motd/pam_motd.c
+++ pam/modules/pam_motd/pam_motd.c
int display_legal(pam_handle_t *pamh) {
    int retval = PAM_IGNORE, rc;
    char *user = NULL;
    char *dir = NULL;
    char *flag = NULL;
    struct passwd *pwd = NULL;
    struct stat s;
    int f;
    /* Get the user name to determine if we need to print the disclaimer */
    rc = pam_get_item(pamh, PAM_USER, &user);
    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0') {
        PAM_MODUTIL_DEF_PRIVS(privs);
        /* Get the password entry */
        pwd = pam_modutil_getpwnam(pamh, user);
        if (pwd != NULL) {
            if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
                pam_syslog(pamh, LOG_ERR,
                           "Unable to change UID to %d temporarily\n",
                           pwd->pw_uid);
                retval = PAM_SESSION_ERR;
                goto finished;
            }

            if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
                goto finished;
            if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
                goto finished;

            if (stat(flag, &s) != 0) {
                int fd = open("/etc/legal", O_RDONLY, 0);
                if (fd >= 0) {
                    try_to_display_fd(pamh, fd);
                    close(fd);
                }
                mkdir(dir, 0700);
                f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
                         S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
                if (f >= 0) close(f);
            }
        }
    }
}
+ finished:
+     if (pam_modutil_regain_priv(pamh, &privs)) {
+         pam_syslog(pamh, LOG_ERR,
+                    "Unable to change UID back to %d\n", privs.old_uid);
+         retval = PAM_SESSION_ERR;
+     }
+     _pam_drop(flag);
+     _pam_drop(dir);
+ }
+ return retval;
+
+ int pam_sm_open_session(pam_handle_t *pamh, int flags,
+                         int argc, const char **argv)
+ {
+     if (motd_dir_path != NULL)
+         try_to_display_directory(pamh, motd_dir_path);
+     /* Display the legal disclaimer only if necessary */
+     retval = display_legal(pamh);
+     return retval;
+ }

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on

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

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1.598 get-stream 3.0.0

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1.599 libss 1.43.4-2

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

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

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

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

image::$(BSD_LIB)

$(BSD_LIB): $(OBJ)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJ))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))
install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

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

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

This 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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Gadi Oxman, August 1995

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The End

1.602 jakarta-ws-rs-api 2.1.5

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## Source Code

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

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========

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

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

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

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

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

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

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

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

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

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

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

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

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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.
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1.620 dh-python 2.20170125

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of these things:

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

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

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

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

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1.632 libargon 0~20171227-0.2

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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
  Module-Build mailing list at <module-build@perl.org>.,"
built_requires:
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  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
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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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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

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Appendix: How to Apply These Terms to Your New Programs

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

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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
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You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
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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

That's all there is to it!
#!perl

=head1 NAME
copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.
If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use TestInit;
use strict;
use Config;
BEGIN { require 'test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;
my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', './README' or die "Opening README failed: $!";
    #...
# The copyright message is the first paragraph:
local $/ = "";
my $copyright_msg = <$readme>;

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

$year;
}

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

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

$year;
}

Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: perl
Source: http://www.perl.com/CPAN/src/5.0/
Comment:
This package was debianized by Brendan O'Dea <bod@debian.org> on
Thu, 17 Aug 2000 16:10:54 +1000.

Upstream Authors:
- Larry Wall et. al. (see /usr/share/doc/perl/AUTHORS).

Last checked against: Perl 5.24.1

Files: *
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by Larry Wall and others

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(http://burtleburtle.net/bob-hash/doobs.html)
It is by Paul Hsieh (c) 2004 and is analysed here
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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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1.638 libgdbm 1.8.3-14

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

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DRuntime: Runtime Library for the D Programming Language

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Version 3.1, 31 March 2009

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble
========

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1.642 perl-base 5.30.0 9ubuntu0.2

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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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1.644 openssh 7.4p1-21.el7

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

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This API enables you to retrieve licensing information.

--- Request

```
`GET /_xpack/license`
```

--- Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

--- Query Parameters

`local`: (boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

--- Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

--- Examples

The following example provides information about a trial license:

```
[source,js]
--------------------------------------------------
GET _xpack/license
```
// CONSOLE

[source,js]

```json
{
  "license": {
    "status": "active",
    "uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type": "trial",
    "issue_date": "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis": 1540073112332,
    "expiry_date": "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis": 1542665112332,
    "max_nodes": 1000,
    "issued_to": "test",
    "issuer": "elasticsearch",
    "start_date_in_millis": -1
  }
}
```

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE[s/"basic"/$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/]
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]
// TESTRESPONSE[s/1542665112332/$body.license.expiry_date_in_millis/]
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    </div>
    <div class="commit-tease-contributors">
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            contributor
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    </div>
    <div class="file-body">
        <div class="blob-code blob-code-inner default">
            Update year in notice.
        </div>
    </div>
</div>
Cryptacular Java Library

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This API enables you to delete licensing information.

Request

```
'DELETE /_xpack/license`
```

Description

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].
Authorization

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

Examples

The following example queries the info API:

```javascript
DELETE _xpack/license

// CONSOLE
// TEST[skip:license testing issues]
```

When the license is successfully deleted, the API returns the following response:

```javascript
{
  "acknowledged": true
}
```

Apache HttpComponents Client

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Alan Beale <biljir@pobox.com> also deserves special credit as he has, in addition to providing the 12Dicts package and being a major
contributor to the ENABLE word list, given me an incredible amount of feedback and created a number of special lists (those found in the Supplement) in order to help improve the overall quality of SCOWL.

The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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Date: Sat, 08 Jul 2000 20:27:21 +0100
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

> I was wondering what the copyright status of your "UK English Wordlist With Frequency Classification" word list as it seems to be lacking any copyright notice.

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Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list is also in the public domain?
That is the intention.

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The 50 level includes Brian's frequency class 1, words words appearing in at least 5 of 12 of the dictionaries as indicated in the 12Dicts package, and uppercase words in at least 4 of the previous 12 dictionaries. A decent number of proper names is also included: The top 1000 male, female, and Last names from the 1990 Census report; a list of names sent to me by Alan Beale; and a few names that I added myself. Finally a small list of abbreviations not commonly found in other word lists is included.

The name files form the Census report is a government document which I don't think can be copyrighted.

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The 80 level includes the ENABLE word list, all the lists in the ENABLE supplement package (except for ABLE), the "UK Advanced Cryptics Dictionary" (UKACD), the list of signature words in from YAWL package, and the 10,196 places list from the MWords package.

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[[java-rest-high-delete-license]]

```
=== Delete License
```

```
[[java-rest-high-delete-license-execution]]

==== Execution

The license can be deleted using the `deleteLicense()` method:

["source","java",subs="attributes,callouts,macros"]

```
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
```
The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

```java
Include tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
```

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

This request can be executed asynchronously:

```java
Include tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
Include tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported
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This API enables you to update your license.

```
PUT _xpack/license
```

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```
`acknowledge`::
(booleans) Specifies whether you acknowledge the license changes. The default value is `false`.
```

```
`licenses`::
(array) A sequence of one or more JSON documents containing the license information.
```

If `{es}` `{security-features}` are enabled, you need `manage` cluster privileges to install the license.

If `{es}` `{security-features}` are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See `<<configuring-tls>>`.
The following example updates to a basic license:

```js
POST _xpack/license
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}
```

// CONSOLE

// TEST

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

```shell
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

// NOTCONSOLE

On Windows machine, use the following command:

```shell
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,
* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `<port>` is the http port (defaults to `9200`)  
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

```javascript
{  
"acknowledged": false,
"license_status": "valid",
"acknowledge": {  
"message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter."
  
  "watcher": [  
"Watcher will be disabled"
  
  
  "logstash": [  
"Logstash will no longer poll for centrally-managed pipelines"
  
  
  "security": [  
"The following X-Pack security functionality will be disabled: ..."
  
  
}
}  

`// NOTCONSOLE`

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

```javascript
POST _xpack/license?acknowledge=true
{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
```
"issued_to":"issuedTo",
"issuer":"issuer",
"signature":"xx"
}
}

// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]

curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json"
-d @license.json

// NOTCONSOLE

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##
## Contribute ##
* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[]

== Get License

[[]== Execution

The license can be added or updated using the `getLicense()` method:

[[]

== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

[[]

<1> The text of the license.
Asynchronous Execution

This request can be executed asynchronously:

```java
[[source","java",subs="attributes,callouts,macros"]
 include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]

<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
[[source","java",subs="attributes,callouts,macros"]
 include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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The license can be added or updated using the `putLicense()` method:

```java
"source": "java", subs="attributes,callouts,macros"
```

```
include-tagged:://{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if `{xpack}` is installed but not much else.

<2> A JSON document containing the license information.

```
[[java-rest-high-put-license-response]]
```

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages
are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

<1> The status of the license
<2> Make sure that the license is valid.
<3> Check the acknowledge flag. It should be true if license is acknowledged.
<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
<5> and check component-specific messages in `acknowledgeMessages()`.

```java
[[java-rest-high-put-license-async]]
```

==== Asynchronous Execution

This request can be executed asynchronously:

```java
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
```

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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[role="xpack"]
[[license-settings]]

```
{ xpack } License Settings

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see
{stack-ov}/license-management.html[License management].

```

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features.

```

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Charset detection code from ICU4J (http://site.icu-project.org/)

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---
teardown:
- do:
Installing and getting license works:

---

"Installing and getting license works":

## current license version
- do:
  - xpack.license.post:
    acknowledge: true
    body: |
    
    "licenses": [{
      "uid": "3aa62ffe-36e1-4fad-bfcd-9df83f01eb22",
      "type": "trial",
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"Installing and getting license works":

## current license version
- do:
  - xpack.license.post:
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    body: |
    
    "licenses": [{
      "uid": "894371dc-9499-4997-93cb-80e2e37fa6a8",
      "type": "trial",
      "issue_date_in_millis": 1411948800000,
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}]

- match: { license_status: "valid" }

- do: 
  - xpack.license.get: {}
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x

- do:
  xpack.license.post:
    acknowledge: true
    body: |

  - match: { license_status: "valid" }
  - do:
    xpack.license.get: {}
## multiple licenses version: 1.x

- do:
  xpack.license.post:
    acknowledge: true
    body:
      
      "licenses" : 
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        "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8",
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      }
    }
- do:
  xpack.license.get: {}
- do:
  xpack.license.post:
    acknowledge: true
    body:
      "licenses" : 
      {
        "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8",
        "type": "internal",
        "subscription_type": "none",
        "issue_date_in_millis": 1443484800000,
        "feature": "watcher",
        "expiry_date_in_millis": 1914278399999,
        "max_nodes": 1,
        "issued_to": "issuedTo",
        "issuer": "issuer",
        "signature": 
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VvT1NCYlcaUYyKZFWxR9x0t6ldMblbMzSGTQc3FWOTgzZ3ZucXMvKqtm2RUZuwMFJnzZlV2L2dbDRUzu
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      }
    }
- do:
  xpack.license.delete: {}
```json
xpack.license.delete: 

- match: { acknowledged: true }

- do:
  xpack.license.get: {}
  catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    
    "license": { "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "gold", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issued_to", "issuer": "issuer", "signature": "AAAAsAABmC9VZ0NhjZDBGYnYRxPCOWS5b3fjZDAxOWpSbTVoMVZuRvKlPSmkxaxkZdW5lIh1THNoN1N2MXMvRFk4dJ7TZEX3R3RZ0pU3lopWJKZnQySEFvao6pQPBHbKwprZWSZQ91NnmRQKnw1SlpL0lzC3095MxRGN11IzIzpYcVTTnFrcTE2dzhjZmrFqRn3JQeGwxb0U0MXZ0dDjHSEfizTVLOHnSDByWmpoZEpHzHBEZjUtrTVBxRBNNSXnSwWjZlaODdzVmEzUjNiWktNwG5TUhqQV2plau04Q1JOUm4MXNulL0sOEhQaVd2azhUmU9QVzhFeTFoM1Q0RjxNjSxGjw3Wmk2K055c28zS7nVneK1b2JSQkFLV2VXUvHNDG2R3o2VE1qFbVNSQ21x0HN5bUEzZjINwKwZStVmZlWEtahSU9wTjENDVvTlNCYklacUYyK2FwRw9xa0t6ddMbmMzS1QTcFfWOTgz3ZUeXMrQkz2RZUwMFJnZtdL2d2bDRWUzhd6UG5pEN5GFrReXNKnKBNQAAAQBcIe8GfzDm6T537luuejtb3xK5dv0G5K5Qaopvr+aczwcFsgCuzbF8plgetP1aAGZP4uRESDQPMlOcSxd40UqAm97T6gBQ3t93P9PoglnFpeEH9NvOmaAQuonxVM95E6DsDq1X4cXSO+BwWpXPTd2LmpoQclFXd6BZ8GeyuYpVHVkp9hVUtAYjw6HzYOE7+zu01oJOYXeElqy66AnIfkhrnvi+flym3tEtIJTsDr7w3iBhaqSntEqabEvkHdPQqdsR99XGaEvnHO1paK01/35iZF6OXSf7Ccj+558GRXiVxzoeo7TsGSSt8g7YjZwV9bRCyU7oB4B/nidg" }}

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

---

"Cannot start basic":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
    
    
    "license": { "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "basic", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "ma
x_nodes":1,"issued_to":"issuedTo","issuer":"issuer","signature":"AAAAAgAAAA0lKPZ0a7aZquUltho/AAABmC9ZN0hjZDBGynVyRXpCOW5Sb3fjZDAxOWpSbTVoMVZwUzRxVkJPSmkxaxxdZdW5IMhlITHNoN1N2MXMvRFk4d3JTEx3R3RRZ0pzU3lohWKZnQvSEfva0ppTHBkWkprZWZSi9iNmRQNkw1SlpL0lDailZCS095MXRGNlNlZIzpYcVTThnFrcTE2dzhJZmZrQmFqMz00N2dJABSZ0RZ0F1YWxkZ0h0dHdJZnV0c21iZjRxdG1oZmlsZS9kZW50ZXJ0cmdldGVkZXJydmF0ZT0yMDFmZTk4NzRmOTU1NjI1Zjg1YmE2ZTExMjU3OTk5M2NjYjIwZmMwYmNzYzAwZTM1MTI1ZjViOA=="}
- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }
---
"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }
---
"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

---
- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

---

"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

---

"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

---

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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

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

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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1.657 libssl 1.1.0j-1~deb9u1

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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
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
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slave/kpropd.rpc.c
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1.675 logsave 1.45.5 2ubuntu1

1.675.1 Available under license:

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

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

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

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

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

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

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

clean::
$ (RM) -rf pic
$ (RM) -f $(BSD_LIB)
$ (RM) -f ../$(BSD_LIB)

This 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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Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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files of the EXT2 file system utilities. The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card
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Index: tdbsa/tdb.c

--- tdbsa.org/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
/**
/ *
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
- 
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Theodore Ts'o
23-June-2007

---------------------------------------------------------------------------------

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

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

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

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

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
from sources obtained from a mirror of:
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Gadi Oxman, August 1995
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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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

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

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

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

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

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.679 ansi-regex 3.0.0

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    src/preproc/grn/hdb.cpp
    src/preproc/grn/hgraph.cpp
    src/preproc/grn/hpoint.cpp
    src/preproc/grn/main.cpp

. The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

    src/devices/xditview/DESC.in
    src/devices/xditview/Dvi.c
    src/devices/xditview/Dvi.h
    src/devices/xditview/DviP.h
    src/devices/xditview/FontMap
    src/devices/xditview/GXditview.ad
    src/devices/xditview/Menu.h
    src/devices/xditview/ad2c
    src/devices/xditview/device.c
    src/devices/xditview/device.h
    src/devices/xditview/draw.c
    src/devices/xditview/font.c
    src/devices/xditview/gray1.bm
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-------------

. The -mdoc macro set, using the BSD license.

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  tmac/doc-old.tmac
  tmac/doc-common
  tmac/doc-ditroff
  tmac/doc-nroff
  tmac/doc-syms
  tmac/groff_mdoc.man

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  tmac/groff_me.man
  doc/meintro.me
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---------------------

. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of
the TeX system written by Donald E. Knuth; the master file can be found at

ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

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@author Santiago Pericas-Geertsen

Found in path(s):
/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/trax/Util.java
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  jar/org/apache/xml/dtm/ref/IncrementalSAXSource_Xerces.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/dtm/ref/DTMStringPool.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/dtm/ref/IncrementalSAXSource.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/dtm/ref/IncrementalSAXSource_Filter.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/dtm/ref/CoroutineParser.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/dtm/ref/DTMSafeStringPool.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/dtm/ref/dom2dtm/DOM2DTMdefaultNamespaceDeclarationNode.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/XMLChar.java

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* @(#)Id: TypeCheckError.java,v 1.6 2003/04/01 21:12:39 mkwan Exp $ 
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* @author Santiago Pericas-Geertsen
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/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/compiler/util/TypeCheckError.java

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* @author Santiago Pericas-Geertsen
* @author Erwin Bolwidt <ejb@klomp.org>
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/dom/StepIterator.java

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* $Id: GetOpt.java,v 1.4 2003/01/30 18:45:59 mkwan Exp $
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/cmdline/getopt/GetOpt.java
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* @(#)Id: Mode.java,v 1.29 2003/04/01 21:08:59 mkwan Exp $
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  jar/org/apache/xalan/xslt/compiler/RelativeLocationPath.java
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* jar/org/apache/xalan/xsltc/runtime/Node.java

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/
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xml/res/XMLErrorResources_pl.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/res/XSLTErrorResources_de.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/res/XSLTErrorResources_ca.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/xsltc/dom/SimpleResultTreeImpl.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/lib/sql/QueryParamter.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/util/NamedMethodGenerator.java
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@author Morten Jorgensen
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsItc/compiler/Parser.java

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  jar/org/apache/xalan/xsltc/dom/UnionIterator.java
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  jar/org/apache/xalan/xslt/compiler/XslElement.java
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  jar/org/apache/xalan/xsltc/compiler/Variable.java
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jar/org/apache/xalan/xsltc/runtime/BasisLibrary.java

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  jar/org/apache/xalan/xsltc/runtime/Parameter.java
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jar/org/apache/xalan/xsltc/compiler/Sort.java
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/dom/NodeIteratorBase.java
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jar/org/apache/xalan/xsltc/compiler/util/NodeSetType.java

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@author Jacek Ambroziak
@author Santiago Pericas-Geertsen
@author Erwin Bolwidt <ejb@klomp.org>

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/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xslt/compiler/AncestorPattern.java

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jar/org/apache/xalan/xsltc/compiler/GenerateIdCall.java
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  jar/org/apache/xml/utils/ListingErrorHandler.java

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* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen

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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/compiler/IdPattern.java
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*/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/compiler/Fallback.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
* jar/org/apache/xalan/xsltc/runtime/ErrorMessages_sk.java

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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/util/IntegerArray.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xpath/compiler/FunctionTable.java
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  jar/org/apache/xalan/xsltc/compiler/LogicalExpr.java
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jar/org/apache/xalan/xsltc/dom/KeyIndex.java
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jar/org/apache/xalan/xsltc/compiler/ConcatCall.java  
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  jar/org/apache/xalan/xsltc/TransletException.java

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/compiler/util/IntType.java
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@(#)Id: ErrorMessages_es.java,v 1.1 2003/05/28 13:59:36 mkwan Exp $

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* jar/org/apache/xalan/xslt/compiler/NumberCall.java
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  jar/org/apache/xalan/lib/sql/DTMDocument.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/lib/sql/SQLErrorDocument.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/lib/sql/SQLDocument.java

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* @(#)Id: ErrorMessages.java,v 1.6 2003/03/19 22:14:10 zongaro Exp $
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xslt/runtime/ErrorMessages.java
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/ opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/compiler/util/FilterGenerator.java

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/*@(#)Id: Expression.java,v 1.17 2003/01/30 18:46:00 mkwan Exp $*/

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@author Jacek Ambroziak
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jar/org/apache/xalan/xsltc/runtime/Constants.java
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  jar/org/apache/xalan/templates/ElemForEach.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xpath/compiler/PsuedoNames.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/templates/Constants.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/processor/XSLTAttributeDef.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/transformer/KeyManager.java
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  jar/org/apache/xalan/templates/ElemExtensionDecl.java
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  jar/org/apache/xml/utils/PredicateNodeTest.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
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  jar/org/apache/xalan/templates/ElemExtensionDecl.java
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  jar/org/apache/xml/dtm/ref/ChunkedIntArray.java
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  jar/org/apache/xml/utils/PrefixResolver.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/transformer/QueuedEvents.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xml/utils/res/XResources_hy.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/xslt/Process.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xml/utils/ThreadControllerWrapper.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/extensions/XSLProcessorContext.java
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* /opt/cola/permits/110900424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/SerializableLocatorImpl.java
* /opt/cola/permits/110900424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/ElemIf.java
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* /opt/cola/permits/110900424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/AVTPartXPath.java
* /opt/cola/permits/110900424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/ElemWithParam.java
* /opt/cola/permits/110900424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/objects/XRTreeFragSelectWrapper.java
* /opt/cola/permits/110900424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/objects/XObjectFactory.java
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jar/org/apache/xalan/extensions/ExtensionHandlerJavaClass.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/axes/HasPositionalPredChecker.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/PrefixResolverDefault.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/CharInfo.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/NodeSetDTM.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/axes/ReverseAxesWalker.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/dtm/ref/sax2dtm/SAX2RTFDTM.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/ElemCopy.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/axes/UnionChildIterator.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/ElemApplyTemplates.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/objects/XNodeSetForDOM.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/dtm/ref/DTDTreeWalker.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/functions/FunctionDef1Arg.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/CachedXPathAPI.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/ProcessorDecimalFormat.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/ProcessorExsltFuncResult.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/ElemComment.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/res/XResources_he.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/ProcessorExsltFuncResult.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/ProcessorDecResult.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/ProcessorExsltFuncResult.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/ElemComment.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/res/XResources_he.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/axes/WalkingIteratorSorted.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/synthetic/SynthesisException.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/functions/FuncId.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/NamespaceSupport2.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/functions/FuncFalse.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/XMLStringFactoryDefault.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/XSLTElementProcessor.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/QName.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/ProcessorKey.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/extensions/ExtensionHandlerJavaPackage.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/xpath/ExpressionNode.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/transformer/MsgMgr.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/NodeVector.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/NameSpace.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/templates/FuncFormatNumb.java

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    jar/org/apache/xalan/xslt/compiler/StringLengthCall.java
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jar/org/apache/xalan/xsltc/trax/DOM2SAX.java
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@(#)$Id: SourceLoader.java,v 1.2 2003/01/27 18:44:39 mkwan Exp $

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  jar/org/apache/xalan/xslt/compiler/When.java
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  jar/org/apache/xalan/xslt/compiler/ForwardPositionExpr.java
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jar/org/apache/xalan/xslt/compiler/EqualityExpr.java

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/dom/AnyNodeCounter.java
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  jar/org/apache/xalan/xsltc/compiler/Text.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1- 
* jar/org/apache/xalan/xslt/compiler/UnresolvedRef.java  
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/compiler/LocationPathPattern.java
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* @(#)$Id: JavaCupRedirect.java,v 1.2 2003/01/27 18:44:55 mkwan Exp $ *
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages_zh_TW.java

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  jar/org/apache/xalan/xslt/compiler/Constants.java

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* @(#)Id: Stylesheet.java,v 1.48 2003/04/08 19:28:46 mkwan Exp $ 
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/ExtendedContentHandler.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/NamespaceMappings.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/ExtendedLexicalHandler.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/XSLOutputAttributes.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/SerializerTraceWriter.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/SerializationHandler.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/serializer/EmptySerializer.java

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* @author Santiago Pericas-Geertsen
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/xsltc/NodeIterator.java
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jar/org/apache/xalan/xsltc/dom/NthIterator.java
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  * @author Jacek Ambroziak
  * @author Santiago Pericas-Geertsen
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* Found in path(s):
  * /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  * jar/org/apache/xalan/xsltc/compiler/UnaryOpExpr.java

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Found in path(s):
*/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xslt/compiler/util/ClassGenerator.java
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// if found, then throw a special exception in order to terminate

Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/processor/TransformerFactoryImpl.java
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jar/org/apache/xalan/xsltc/runtime/output/StringOutputBuffer.java

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/compiler/util/ErrorMessages_ca.java
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  jar/org/apache/xml/res/XResources_zh_CN.java
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  jar/org/apache/xalan/res/XSLTErrorResources_sv.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/res/XMLErrorResources_en.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/res/XSLTErrorResources_en.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/res/XResources_zh_TW.java
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  jar/org/apache/xalan/xsltc/runtime/ErrorMessages_ja.java
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  jar/org/apache/xalan/transformer/XalanTransformState.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
* jar/org/apache/xalan/xsltc/compiler/ContainsCall.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/compiler/NodeTest.java
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  jar/org/apache/xalan/xsltc/dom/CurrentNodeListIterator.java
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jar/org/apache/xalan/xsltc/compiler/TopLevelElement.java

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  jar/org/apache/xalan/trace/TraceListenerEx2.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
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jar/org/apache/xml/serializer/ToTextStream.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xml/serializer/ToTextSAXHandler.java
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* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author Erwin Bolwidt <ejb@klomp.org>
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xpath/axes/NodeSequence.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xml/utils/ObjectVector.java
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/compiler/util/MethodType.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/utils/res/XResources_de.java
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/util/CompareGenerator.java
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* @(#)Id: DecimalFormatting.java,v 1.12 2003/03/21 13:25:28 zongaro Exp $
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/xslt/compiler/DecimalFormatting.java
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 * @(#)Id: TransletLoader.java,v 1.5 2003/01/30 18:46:12 mkwan Exp $ 
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/runtime/TransletLoader.java
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 * @(#)Id: NodeCounterGenerator.java,v 1.5 2003/01/30 18:46:09 mkwan Exp $
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Found in path(s):
/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/xsltc/compiler/util/NodeCounterGenerator.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/VariableRefBase.java
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   @(#)Id: FilterParentPath.java,v 1.12 2003/01/30 18:46:00 mkwan Exp $
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xslt/compiler/FilterParentPath.java
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jar/org/apache/xalan/xsltc/compiler/LiteralElement.java
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jar/org/apache/xalan/xsltc/runtime/AttributeList.java
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*/

package org.apache.xalan.xsltc.compiler;

import java_cup.runtime.Symbol;

%%
cup
unicode
class XPathLexer
%yeof

eofval{
return new Symbol(sym.EOF);
}

eyylexthrow{
Exception
}

yylexthrow{
return new Symbol(sym.EOF);
}

%yyerror{
Exception
}

Letter={BaseChar}|{Ideographic}
"<EXPRESSION>" { return new Symbol(sym.EXPRESSION); }

\["\^[^\"]\]^" { return new Symbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }
\[\^[^\"]\]^" { return new Symbol(sym.Literal,
    yytext().substring(1, yytext().length() - 1)); }

{Digit}+ { return new Symbol(sym.INT, new Long(yytext())); }
{Digit}+("{Digit}*)? { return new Symbol(sym.REAL, new Double(yytext())); }
"."{Digit}+ { return new Symbol(sym.REAL, new Double(yytext())); }
"." { return new Symbol(sym.DOT); }
({NCName}":")?{NCName} { return new Symbol(sym.QNAME, yytext()); }
({NCName}":")?"*" { return new Symbol(sym.QNAME, yytext()); }
({NCName}":")?"@*" { return new Symbol(sym.QNAME, yytext()); }
[ \t\n\f] { /* ignore white space. */ }
. { throw new Exception(yytext()); }

Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/compiler/xpath.lex
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* jar/org/apache/xalan/xsltc/compiler/NameCall.java

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jar/org/apache/xalan/xsltc/cmdline/getopt/IllegalArgumentException.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/util/ResultTreeType.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
/*
 * @(#)Id: FilteredStepIterator.java,v 1.8 2003/04/01 21:39:16 mkwan Exp $
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/dom/FilteredStepIterator.java
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/
* @(#)$Id: ReferenceType.java,v 1.16 2003/04/01 21:12:39 mkwan Exp $
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/compiler/util/ReferenceType.java
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/*
* @(#)Id: UnsupportedElement.java,v 1.5 2003/01/30 18:46:02 mkwan Exp $
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/compiler/UnsupportedElement.java
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/Key.java
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/*
* *
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*/
package com.sun.xslt.dom;

import java.util.Hashtable;
import java.util.Vector;
import org.xml.sax.*;
import org.w3c.dom.Node;
import org.w3c.dom.NodeList;
import org.w3c.dom.DOMException;
import org.w3c.dom.NamedNodeMap;
import org.w3c.dom.Document;
import com.sun.xslt.util.IntegerArray;
import com.sun.xslt.compiler.Axis;

public class DOM {
    // NO_TYPE is an indication from NodeTest
    // that no testing is needed and a pure version
    // of iterators should be used
    public final static int NO_TYPE                = -1;
    public final static int FIRST_TYPE             = 0;

    public final static int ROOT                   = 0;
    public final static int TEXT                   = 1;
    public final static int ELEMENT                = 2;
    public final static int PROCESSING_INSTRUCTION = 3;
    public final static int COMMENT                = 4;
    public final static int NTYPES                 = 5;

    // 0 is reserved for NodeIterator.END
    public final static int NULL     = 0;

    // index of root node
    public final static int ROOTNODE = 1;

    // empty String for null attribute values
    private final static String EMPTYSTRING = "";
    // empty iter to be returned when eg there are no children
    private final static NodeIterator EMPTYITERATOR =
    new NodeIterator() {
        public NodeIterator setStartNode(int node) { return this; }
        public int next() {
            return NULL;
        }
    };

    //
private static final AttributeList EmptyAttributes =
new AttributeList() {
public int getLength() { return 0; }
public String getName(int i) { return null; }
public String getType(int i) { return null; }
public String getValue(int i) { return null; }
public String getType(String name) { return null; }
public String getValue(String name) { return null; }
};
/*
* document tree representation data structures
*/

protected byte[] _type;
protected int[] _parent;
protected int[] _nextSibling;
protected int[] _offsetOrChild;
protected int[] _lengthOrAttr;
protected char[] _text;
protected String[] _namesArray;

/*
* Support for access/navigation through org.w3c.dom API
*/

public Node makeNode(int index) {
return new NodeImpl(index);
}

private final class NotSupportedException extends DOMException {
public NotSupportedException() {
super(NOT_SUPPORTED_ERR, "modification not supported");
}
} // end of NotSupportedException

private static NodeList EmptyNodeList;
private static NamedNodeMap EmptyNamedNodeMap;

private final class NotSupportedException extends DOMException {
public NotSupportedException() {
super(NOT_SUPPORTED_ERR, "modification not supported");
}
} // end of NotSupportedException

private static NodeList EmptyNodeList;
private static NamedNodeMap EmptyNamedNodeMap;

private NodeList getEmptyNodeList() {
return EmptyNodeList != null
? EmptyNodeList
: (EmptyNodeList = new NodeListImpl(new int[0]));
}

private NamedNodeMap getEmptyNamedNodeMap() {
return EmptyNamedNodeMap != null
? EmptyNamedNodeMap
: (EmptyNamedNodeMap = new NamedNodeMapImpl());
}
private final class NodeListImpl implements NodeList {
    private final int[] _nodes;

    public NodeListImpl(int[] nodes) {
        _nodes = nodes;
    }

    public int getLength() {
        return _nodes.length;
    }

    public Node item(int index) {
        return makeNode(_nodes[index]);
    }
} // end of NodeListImpl

private final class NamedNodeMapImpl implements NamedNodeMap {
    private final int[] _nodes;

    public NamedNodeMapImpl(int[] nodes) {
        _nodes = nodes;
    }

    public int getLength() {
        return _nodes.length;
    }

    public Node getNamedItem(String name) {
        for (int i = 0; i < _nodes.length; i++)
            if (name.equals(getNodeName(_nodes[i])))
                return makeNode(_nodes[i]);
        return null;
    }

    public Node item(int index) {
        return makeNode(_nodes[index]);
    }

    public Node removeNamedItem(String name) {
        throw new NotSupportedException();
    }

    public Node setNamedItem(Node node) {
        throw new NotSupportedException();
    }
}
private final class NodeImpl implements Node {
    private final int _index;

    public NodeImpl(int index) {
        _index = index;
    }

    public short getNodeType() {
        switch (_type[_index]) {
            case ROOT:
                return Node.DOCUMENT_NODE;
            case TEXT:
                return Node.TEXT_NODE;
            case PROCESSING_INSTRUCTION:
                return Node.PROCESSING_INSTRUCTION_NODE;
            case COMMENT:
                return Node.COMMENT_NODE;
            default:
                return _parent[_index] == -1
                        ? Node.ATTRIBUTE_NODE
                        : Node.ELEMENT_NODE;
        }
    }

    public Node getParentNode() {
        final int parent = getParent(_index);
        return parent > NULL ? makeNode(parent) : null;
    }

    public Node appendChild(Node node) throws DOMException {
        throw new NotSupportedException();
    }

    public Node cloneNode(boolean deep) {
        // it can be supported if need be
        // with and additional field to signify
        // whether it is a deep or shallow clone
        throw new NotSupportedException();
    }

    public NamedNodeMap getAttributes() {
        if (getNodeType() == Node.ELEMENT_NODE) {
            int attribute = _lengthOrAttr[_index];
            if (attribute != NULL) {
                final IntegerArray attributes = new IntegerArray(4);
                } else {
                    attributes = new IntegerArray(0);
                }
            return attributes;
        }
    }

    // end of NamedNodeMapImpl
do {
    attributes.add(attribute);
}
while ((attribute = _nextSibling[attribute]) != 0);
return new NamedNodeMapImpl(attributes.toIntArray());
else
return getEmptyNamedNodeMap();
}
else
return null;
}

public NodeList getChildNodes() {
if (hasChildNodes()) {
final IntegerArray children = new IntegerArray(8);
int child = _offsetOrChild[_index];
do {
    children.add(child);
}
while ((child = _nextSibling[child]) != 0);
return new NodeListImpl(children.toIntArray());
} else
return getEmptyNodeList();
}

public Node getFirstChild() {
return hasChildNodes() ? makeNode(_offsetOrChild[_index]) : null;
}

public Node getLastChild() {
return hasChildNodes() ? makeNode(lastChild(_index)) : null;
}

public Node getNextSibling() {
final int next = _nextSibling[_index];
return next != 0 ? makeNode(next) : null;
}

public String getNodeName() {
return DOM.this.getNodeName(_index);
}
public String getNodeValue() throws DOMException {
    return DOM.this.getNodeValue(_index);
}

public Document getOwnerDocument() {
    return null;
}

public Node getPreviousSibling() {
    int node = _parent[_index];
    if (node > NULL) {
        int prev = -1;
        node = _offsetOrChild[node];
        while (node != _index)
            node = _nextSibling[prev = node];
        if (prev != -1)
            return makeNode(prev);
    }
    return null;
}

public boolean hasChildNodes() {
    switch (getNodeType()) {
    case Node.ELEMENT_NODE:
    case Node.DOCUMENT_NODE:
        return _offsetOrChild[_index] != 0;
    default:
        return false;
    }
}

public Node insertBefore(Node n1, Node n2) throws DOMException {
    throw new NotSupportedException();
}

public Node removeChild(Node n) throws DOMException {
    throw new NotSupportedException();
}

public Node replaceChild(Node n1, Node n2) throws DOMException {
    throw new NotSupportedException();
}

public void setNodeValue(String s) throws DOMException {
    throw new NotSupportedException();
} // end of NodeImpl
public Filter getTypeFilter(int type) {
    return new TypeFilter(type);
}

// single copy of ElementFilter
private Filter _elementFilter;

public Filter getElementFilter() {
    return _elementFilter != null
        ? _elementFilter
        : (_elementFilter = new Filter() {
            public boolean test(int node) {
                return _type[node] >= NTYPES && _parent[node] != -1;
            }
        });
}

private final class TypeFilter implements Filter {
    private final int _nodeType;
    public TypeFilter(int type) {
        _nodeType = type;
    }
    public boolean test(int node) {
        return _type[node] == _nodeType;
    }
} // end of TypeFilter

private final class ChildrenIterator implements NodeIterator {
    // child to return next
    private int _currentChild;
    public NodeIterator setStartNode(int element) {
        _currentChild = _offsetOrChild[element];
        return this;
    }
    public int next() {
        final int node;
        _currentChild = _nextSibling[node = _currentChild];
        return node;
    }
} // end of ChildrenIterator

private final class ParentIterator implements NodeIterator {
    // candidate parent node
    public NodeIterator setStartNode(int element) {
        _currentChild = _offsetOrChild[element];
        return this;
    }
    public int next() {
        final int node;
        _currentChild = _nextSibling[node = _currentChild];
        return node;
    }
} // end of ParentIterator
private int _node;

public NodeIterator setStartNode(int node) {
    _node = _parent[node];
    return this;
}

public int next() {
    int result = _node;
    _node = NULL;
    return result > NULL ? result : NULL;
}
} // end of ParentIterator

/** This iterator generates children of a start node that are of a particular (generalized) type. The functionality can be easily achieved by filtering but it is used often enough to deserve a dedicated class */
    private final class TypedChildrenIterator implements NodeIterator {
        private final int _nodeType;
        private int _currentChild;

        public TypedChildrenIterator(int nodeType) {
            _nodeType = nodeType;
        }

        public NodeIterator setStartNode(int element) {
            _currentChild = _offsetOrChild[element];
            return this;
        }

        public int next() {
            for (int node = _currentChild;
                 node != END;
                 node = _nextSibling[node])
                if (_type[node] == _nodeType) {
                    _currentChild = _nextSibling[node];
                    return node;
                }
            return END;
        }
    } // end of TypedChildrenIterator
private final class FollowingSiblingIterator implements NodeIterator {
    private int _node;

    public NodeIterator setStartNode(int node) {
        _node = node;
        return this;
    }

    public int next() {
        return _node = _nextSibling[_node];
    }
} // end of FollowingSiblingIterator

private final class AttributeIterator implements NodeIterator {
    private int _attribute;

    public NodeIterator setStartNode(int node) {
        _attribute = _lengthOrAttr[node];
        return this;
    }

    public int next() {
        final int node;
        _attribute = _nextSibling[node = _attribute];
        return node;
    }
} // end of AttributeIterator

private final class TypedAttributeIterator implements NodeIterator {
    private final int _nodeType;
    private int _attribute;

    public TypedAttributeIterator(int nodeType) {
        _nodeType = nodeType;
    }

    public NodeIterator setStartNode(int node) {
        for (node = _lengthOrAttr[node];
            node != NULL && _type[node] != _nodeType;
            node = _nextSibling[node])
        ;
        _attribute = node;
        return this;
    }
}
public int next() {
    final int node = _attribute;
    _attribute = NULL;
    return node;
}
} // end of AttributeIterator

/*************************************************************/
/* iterates through preceding siblings of argument node */
private final class PrecedingSiblingIterator implements NodeIterator {
    private final class PrecedingSiblingIterator implements NodeIterator {
        private int _start;
        private int _node;

        public NodeIterator setStartNode(int node) {
            _node = _offsetOrChild[_parent[_start = node]];
            return this;
        }

        public int next() {
            return _node == _start ? NULL : (_node = _nextSibling[_node]);
        }
    }

    public NodeIterator setStartNode(int node) {
        _node = _offsetOrChild[_parent[_start = node]];
        return this;
    }

    public int next() {
        return _node == _start ? NULL : (_node = _nextSibling[_node]);
    }
} // end of PrecedingSiblingIterator

/*************************************************************/
/* iterates through preceding nodes of argument node */
private final class PrecedingIterator implements NodeIterator {
    private int _limit;
    private int _node;

    public NodeIterator setStartNode(int node) {
        _limit = leftmostDescendant(node);
        _node = leftmostDescendant(_parent[node]) - 1;
        return this;
    }

    public int next() {
        int node = _node + 1;
        while (node < _limit && _parent[node] == 0)
            ++node;
        return node == _limit ? NULL : (_node = node);
    }
} // end of PrecedingIterator
private class FollowingIterator implements NodeIterator {

    // _node precedes search for next
    protected int _node;

    public NodeIterator setStartNode(int node) {
        // find rightmost descendant (or self)
        int current;
        while ((node = lastChild(current = node)) != 0)
        {
            _node = current;
        // _node precedes possible following(node) nodes
            return this;
        }

    public int next() {
        final int limit = _parent.length;
        int node = _node + 1;
        while (node < limit && _parent[node] == -1)
            ++node;
        // iteration stops when at end or at non-attribute
        return node == limit ? NULL : (_node = node);
    }
} // end of FollowingIterator

    private final class TypedFollowingIterator extends FollowingIterator {

    private final int _nodeType;

    public TypedFollowingIterator(int type) {
        _nodeType = type;
    }

    public int next() {
        final int limit = _parent.length;
        int node = _node + 1;
        final int type = _nodeType;
        // skipping attributes and nodes not of desired type
        while (node < limit && (_parent[node] == -1 || _type[node] != type))
            ++node;
        // iteration stops when at end or at non-attribute
        return node == limit ? NULL : (_node = node);
    }
} // end of TypedFollowingIterator

    private final class AncestorIterator implements NodeIterator {

    // ancestors in reverse document order
    private final IntegerArray _nodes = new IntegerArray(8);

    }
private int _index;

public NodeIterator setStartNode(int node) {
    _nodes.clear();
    // up to and including ROOT
    while ((node = _parent[node]) > NULL)
        _nodes.add(node);
    // nodes will be read back from the array
    // set _index at last node (if any)
    _index = _nodes.cardinality() - 1;
    return this;
}

public int next() {
    return _index >= 0 ? _nodes.at(_index--) : NULL;
}
} // end of AncestorIterator

private final class TypedAncestorIterator implements NodeIterator {
    private final int _nodeType;
    // ancestors in reverse document order
    private final IntegerArray _nodes = new IntegerArray(8);
    // (diminishing) index of node to return next
    private int _index;

    public TypedAncestorIterator(int type) {
        _nodeType = type;
    }

    public NodeIterator setStartNode(int node) {
        _nodes.clear();
        // up to and including ROOT
        while ((node = _parent[node]) > NULL)
            if (_type[node] == _nodeType)
                _nodes.add(node);
        // nodes will be read back from the array
        // set _index at last node (if any)
        _index = _nodes.cardinality() - 1;
        return this;
    }

    public int next() {
        return _index >= 0 ? _nodes.at(_index--) : NULL;
    }
} // end of TypedAncestorIterator
private class DescendantIterator implements NodeIterator {
// _node precedes search for next
protected int _node;
// first node outside descendant range
protected int _limit;

public NodeIterator setStartNode(int node) {
// no descendents if no children
if (_offsetOrChild[_node = node] == 0)
// set _limit to match next()'s criteria for end
_limit = node + 1;
// find leftmost descendant of next sibling
else if ((node = _nextSibling[node]) == 0)
// no next sibling, array end is the limit
_limit = _parent.length;
else
_limit = leftmostDescendant(node);
return this;
}

public int next() {
final int limit = _limit;
int node = _node + 1; // start search w/ next
while (node < limit && _parent[node] == -1)
++node;
// iteration stops when at end or at non-attribute
return node == limit ? NULL : (_node = node);
}
} // end of DescendantIterator

private final class TypedDescendantIterator extends DescendantIterator {
private final int _nodeType;

public TypedDescendantIterator(int type) {
_nodeType = type;
}

public int next() {
final int limit = _limit;
int node = _node + 1; // start search w/ next
final int type = _nodeType;
// while condition == which nodes to skip
while (node < limit && (_parent[node] == -1 || _type[node] != type))
++node;
// iteration stops when at end or at non-attribute w/ desired type
return node == limit ? NULL : (_node = node);
}
} // end of TypedDescendantIterator
private int leftmostDescendant(int node) {
    int current;
    while (_type[current = node] >= NTYPES
        && (node = _offsetOrChild[node]) != 0)
    {
        return current;
    }

    /** returns index of last child or 0 if no children */
    private int lastChild(int node) {
        int child;
        if ((child = _offsetOrChild[node]) != 0) {
            while ((child = _nextSibling[node = child]) != 0)
            {
                return node;
            }
            else
            return 0;
        }
    }

    /** returns singleton iterator containg the document root */
    public NodeIterator getIterator() {
        return new SingletonIterator(ROOTNODE);
    }

    public int getType(final int node) {
        return _type[node];
    }

    public byte[] getTypeArray() {
        return _type;
    }

    public String getNodeValue(final int node) {
        switch(_type[node]) {
            //!!! needs more types
            case ROOT:
                return getNodeValue(_offsetOrChild[node]);
            case TEXT:
                return makeStringValue(node);
            default:
                return _parent[node] != -1
                    ? getElementValue(node) // element string value
                : makeStringValue(node); // attribute value
        }
    }
public int getParent(final int node) {
    return _parent[node];
}

/** get mapping from dom types to external types */
public byte[] getMapping(String[] names) {
    final int namesLength = names.length;
    final int mappingLength = _namesArray.length + NTYPES;
    final byte[] result = new byte[mappingLength];

    // primitive types map to themselves
    for (int i = 0; i < NTYPES; i++) {
        result[i] = (byte)i;
    }
    // extended types initialized to "beyond caller's types"
    // unknown (some) element
    for (int i = NTYPES; i < mappingLength; i++) {
        result[i] = ELEMENT;
    }
    // actual mapping of caller requested names
    for (int i = 0; i < namesLength; i++) {
        final int gType = getGeneralizedType(names[i]);
        result[gType != -1 ? gType : ELEMENT] = (byte)(i + NTYPES);
    }
    return result;
}

/** get mapping from external types to dom types */
public byte[] getReverseMapping(String[] names) {
    final byte[] result = new byte[names.length + NTYPES];
    // primitive types map to themselves
    for (int i = 0; i < NTYPES; i++) {
        result[i] = (byte)i;
    }
    // caller's types map into appropriate dom types
    for (int i = 0; i < names.length; i++) {
        result[i + NTYPES] = (byte)getGeneralizedType(names[i]);
    }
    return result;
}

/** utility function to returned external type of a node */
public int getMappedType(final int node, final byte[] mapping) {
    return mapping[_type[node]];
}

public DOM() {
    this(8 * 1024);
public DOM(int size) {
    _type = new byte[size];
    _parent = new int[size];
    _nextSibling = new int[size];
    _offsetOrChild = new int[size];
    _lengthOrAttr = new int[size];
    _text = new char[8*size];

    // _namesArray will be allocated at endDocument
}

public void print(int node, int level) {
    switch(_type[node]) {
    case ROOT:
        print(_offsetOrChild[node], level);
        break;
    case TEXT:
        System.out.print(makeStringValue(node));
        break;
    case PROCESSING_INSTRUCTION:
    case COMMENT:
        System.out.println("***PI/CMT***");
        break;
    default:// element
        final String name = getNodeName(node);
        System.out.print("<" + name);
        for (int a = _lengthOrAttr[node]; a != NULL; a = _nextSibling[a])
            System.out.print("\" + getNodeName(a) + "+" + makeStringValue(a) + "\";
        System.out.print('>);
        for (int child = _offsetOrChild[node]; child != NULL; child = _nextSibling[child])
            print(child, level + 1);
        System.out.println("</" + name + '>");
        break;
    }
}

/** applies to named nodes (attributes & elements) */
public String getNodeName(final int node) {
    return _namesArray[_type[node] - NTYPES];
}

private String makeStringValue(final int node) {
    return new String(_text, _offsetOrChild[node], _lengthOrAttr[node]);
}

public int getGeneralizedType(final String name) {
    for (int i = 0; i < _namesArray.length; i++)
        if (_namesArray[i].equals(name))
            return i;
    return -1;  // unknown name
}
if (name.equals(_namesArray[i]))
    return i + NTYPES;
return -1;
}

public String getAttributeValue(final int node,
    final int eType,
    final byte[] reverseMapping) {
    return getAttributeValue(node, reverseMapping[eType]);
}

public String getAttributeValue(final int node, final int gType) {
    for (int attr = _lengthOrAttr[node];
         attr != NULL;
         attr = _nextSibling[attr])
        if (_type[attr] == gType)
            return makeStringValue(attr);
    return EMPTYSTRING;
}

public boolean hasAttribute(final int node, final int gType) {
    for (int attr = _lengthOrAttr[node];
         attr != NULL;
         attr = _nextSibling[attr])
        if (_type[attr] == gType)
            return true;
    return false;
}

public NodeIterator getChildren(final int element) {
    return _offsetOrChild[element] == 0
         ? EMPTYITERATOR
         : (new ChildrenIterator()).setStartNode(element);
}

public NodeIterator getTypedChildren(int type) {
    return new TypedChildrenIterator(type);
}

public NodeIterator getAncestorIterator() {
    return new AncestorIterator();
}

public NodeIterator getChildrenIterator() {
    return new ChildrenIterator();
}

public NodeIterator getParentIterator() {
public NodeIterator getPrecedingIterator() {
    return new PrecedingIterator();
}

public NodeIterator getFollowingIterator() {
    return new FollowingIterator();
}

public NodeIterator getPrecedingSiblingIterator() {
    return new PrecedingSiblingIterator();
}

public NodeIterator getFollowingSiblingIterator() {
    return new FollowingSiblingIterator();
}

public NodeIterator getAxisIterator(final int axis) {
    switch (axis) {
        case Axis.SELF:
            return new SingletonIterator();
        case Axis.CHILD:
            return new ChildrenIterator();
        case Axis.PARENT:
            return new ParentIterator();
        case Axis.ANCESTOR:
            return new AncestorIterator();
        case Axis.ATTRIBUTE:
            return new AttributeIterator();
        case Axis.DESCENDANT:
            return new DescendantIterator();
        case Axis.FOLLOWING:
            return new FollowingIterator();
        case Axis.PRECEDING:
            return new PrecedingIterator();
        case Axis.FOLLOWINGSIBLING:
            return new FollowingSiblingIterator();
        case Axis.PRECEDINGSIBLING:
            return new PrecedingSiblingIterator();
        default:
            return EMPTYITERATOR;
    }
}
public NodeIterator getTypedAxisIterator(final int axis, final int type) {
    //!!! finish these types or implement by filtering
    switch (axis) {
        case Axis.SELF:
            return new SingletonIterator();
        case Axis.CHILD:
            return new TypedChildrenIterator(type);
        case Axis.PARENT:
            return new ParentIterator();
        case Axis.ANCESTOR:
            return new TypedAncestorIterator(type);
        case Axis.ATTRIBUTE:
            return new TypedAttributeIterator(type);
        case Axis.DESCENDANT:
            return new TypedDescendantIterator(type);
        case Axis.FOLLOWING:
            return new TypedFollowingIterator(type);
        case Axis.PRECEDING:
            return new PrecedingIterator();
        case Axis.FOLLOWINGSIBLING:
            return new FollowingSiblingIterator();
        case Axis.PRECEDINGSIBLING:
            return new PrecedingSiblingIterator();
        default:
            return EMPTYITERATOR;
    }
}

public void characters(final int textNode, HandlerBase handler) throws SAXException {
    handler.characters(_text,
                       _offsetOrChild[textNode],
                       _lengthOrAttr[textNode]);
}

public void copy(final int node, HandlerBase handler) throws SAXException {
    switch(_type[node]) {
        case ROOT:
            handler.startDocument();
            copy(_offsetOrChild[node], handler);
            handler.endDocument();
            break;
    //!!! TODO other types
        case PROCESSING_INSTRUCTION:
            case COMMENT:

break;
case TEXT:
    handler.characters(_text,
        _offsetOrChild[node],
        _lengthOrAttr[node]);
break;
default:// element
    final String name = getNodeName(node);
    handler.startElement(name, null);
    /*
    for (int attr = _lengthOrAttr[node];
        attr != NULL;
        attr = _nextSibling[attr])
        System.out.print("\n" + getNodeName(attr) + "=" + makeStringValue(attr) + ";");
    */
    for (int child = _offsetOrChild[node];
        child != NULL;
        child = _nextSibling[child])
        copy(child, handler);
    handler.endElement(name);
    break;
}

//!!! need to split into start/end
public void shallowCopy(final int node, HandlerBase handler)
    throws SAXException {
    switch(_type[node]) {
    case ROOT:
        // do nothing
        break;
    case PROCESSING_INSTRUCTION:
        case COMMENT:
        // !!! implement
        break;
    case TEXT:
        handler.characters(_text,
            _offsetOrChild[node],
            _lengthOrAttr[node]);
        break;
    default:// element
        if (_parent[node] != -1) {
            final String name = getNodeName(node);
            //!!! not always empty
            handler.startElement(name, EmptyAttributes);
            handler.endElement(name);
        }
        //!!! do attributes
    }
break;

public String getElementValue(final int element) {
    StringBuffer buffer = new StringBuffer();
    stringValueAux(buffer, element);
    return buffer.toString();
}

private void stringValueAux(StringBuffer buffer, final int element) {
    for (int child = _offsetOrChild[element];
        child != NULL;
        child = _nextSibling[child])
    switch (_type[child]) {
    case TEXT:
        buffer.append(_text, _offsetOrChild[child], _lengthOrAttr[child]);
        break;
    case PROCESSING_INSTRUCTION:
        break;
    case COMMENT:
        break;
    // !!! at the moment default can only be an element
    default:
        stringValueAux(buffer, child);
    }
}

public HandlerBase getBuilder() {
    return new DOMBuilder();
}

private final class DOMBuilder extends HandlerBase {
    private final static int REUSABLE_TEXT_SIZE = 32;
    private Hashtable _shortTexts = null;
    private Hashtable _names = null;
    private Vector _nameVector = null;
    private int _nextNameNo = NTYPES;
    private int[] _parentStack = new int[64];
    private int[] _previousSiblingStack = new int[64];
    private int _sp;
    private int _baseOffset = 0;
    private int _currentOffset = 0;
    private int _currentNode = 0;
private byte internName(String name) {
    Integer obj = (Integer)_names.get(name);
    if (obj == null) {
        _names.put(name, obj = new Integer(_nextNameNo++));
        _nameVector.addElement(name);
    }
    return (byte)obj.intValue();
}

private int nextNode() {
    final int index = _currentNode++;
    if (index == _type.length)
        resizeArrays(_type.length * 2, index);
    return index;
}

private void resizeTextArray(final int newSize) {
    char[] newText = new char[newSize];
    System.arraycopy(_text, 0, newText, 0, _currentOffset);
    _text = newText;
}

private void resizeArrays(final int newSize, final int length) {
    byte[] newType = new byte[newSize];
    System.arraycopy(_type, 0, newType, 0, length);
    _type = newType;
    int[] newParent = new int[newSize];
    System.arraycopy(_parent, 0, newParent, 0, length);
    _parent = newParent;
    int[] newNextSibling = new int[newSize];
    System.arraycopy(_nextSibling, 0, newNextSibling, 0, length);
    _nextSibling = newNextSibling;
    int[] newOffsetOrChild = new int[newSize];
    System.arraycopy(_offsetOrChild, 0, newOffsetOrChild, 0, length);
    _offsetOrChild = newOffsetOrChild;
    int[] newLengthOrAttr = new int[newSize];
    System.arraycopy(_lengthOrAttr, 0, newLengthOrAttr, 0, length);
    _lengthOrAttr = newLengthOrAttr;
}

private void linkChildren(final int node) {
    _parent[node] = _parentStack[_sp];
    if (_previousSiblingStack[_sp] != 0) // current not first child
        _nextSibling[_previousSiblingStack[_sp]] = node;
    else
        _offsetOrChild[_parentStack[_sp]] = node;
    _previousSiblingStack[_sp] = node;
}
private void maybeCreateTextNode() {
    if (_currentOffset > _baseOffset) {
        final int node = nextNode();
        _type[node] = TEXT;
        linkChildren(node);
        storeTextRef(node);
    }
}

private void storeTextRef(final int node) {
    final int length = _currentOffset - _baseOffset;
    if (length <= REUSABLE_TEXT_SIZE) {
        final String string = new String(_text, _baseOffset, length);
        final Integer indexObj = (Integer)_shortTexts.get(string);
        if (indexObj != null) {
            final int index = indexObj.intValue();
            // reuse previous string reference
            //    System.out.println("reused: "+ string);
            _offsetOrChild[node] = _offsetOrChild[index];
            _lengthOrAttr[node] = _lengthOrAttr[index];
            // step back current
            _currentOffset = _baseOffset;
            // we are done
            return;
        }
    } else
        _shortTexts.put(string, new Integer(node));
    }
    _offsetOrChild[node] = _baseOffset;
    _lengthOrAttr[node] = length;
    // advance base to current
    _baseOffset = _currentOffset;
}

public void startDocument() {
  _shortTexts     = new Hashtable();
  _names          = new Hashtable();
  _nameVector     = new Vector();
  _sp             = 0;
  _parentStack[0] = ROOTNODE;// root
  _currentNode    = ROOTNODE + 1;
}

public void endDocument() {
  final int namesSize = _nameVector.size();
  _shortTexts = null;
  _names = null;
}
_namesArray = new String[namesSize];
/* java1 doesn't have toArray
   _nameVector.toArray(_namesArray); */
for (int i = 0; i < namesSize; i++)
   _namesArray[i] = (String)_nameVector.elementAt(i);
_nameVector = null;
// reduce arrays' sizes
resizeTextArray(_currentOffset);
resizeArrays(_currentNode, _currentNode);
// System.out.println("current node = " + _currentNode);
// System.out.println("current offset = " + _currentOffset);
}

public void startElement(String name, AttributeList attList) {
  maybeCreateTextNode();
  final int node = nextNode();
  _type[node] = internName(name);
  linkChildren(node);
  _parentStack[++_sp] = node;
  if (attList != null && attList.getLength() > 0) {
    int attrNode = makeAttributeNode(attList, 0);
    _lengthOrAttr[node] = attrNode;// first attr
    for (int i = 1; i < attList.getLength(); i++) {
      int attrNode2 = makeAttributeNode(attList, i);
      _nextSibling[attrNode] = attrNode2;
      attrNode = attrNode2;
    }
  }
}

private int makeAttributeNode(AttributeList attList, int i) {
  final int node = nextNode();
  _type[node] = internName(attList.getName(i));
  _parent[node] = -1;
  characters(attList.getValue(i));
  storeTextRef(node);
  return node;
}

public void endElement(String elementName) {
  maybeCreateTextNode();
  _previousSiblingStack[_sp--] = 0; // reset
}

public void processingInstruction(String target, String data) {
  maybeCreateTextNode();
  final int node = nextNode();
  _type[node] = PROCESSING_INSTRUCTION;
public void characters(final String string) {
    final int length = string.length();
    if (_currentOffset + length > _text.length)
        resizeTextArray(_text.length * 2);
    string.getChars(0, length, _text, _currentOffset);
    _currentOffset += length;
}

// can accumulate text from consecutive calls
public void characters(char[] ch, int start, int length) {
    if (_currentOffset + length > _text.length)
        resizeTextArray(_text.length * 2);
    System.arraycopy(ch, start, _text, _currentOffset, length);
    _currentOffset += length;
} // end of DOMBuilder

Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/dom/DOM.java.Palm
No license file was found, but licenses were detected in source scan.

/*
 * @(#)Id: Message.java,v 1.10 2003/04/01 21:08:59 mkwan Exp $
 * 
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* 
* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* */

Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1.jar/org/apache/xalan/xsltc/compiler/Message.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)Id: xpath.cup,v 1.47 2003/04/01 21:09:00 mkwan Exp $ *
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 * ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
package org.apache.xalan.xslt.compiler;

import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;
import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xalan.xsltc.dom.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;

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

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

  /**
   * Reference to the Parser class.
   */
  private Parser _parser;
  private XSLTC _xslt;
/**
 * String representation of the expression being parsed.
 */
private String _expression;

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

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

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

public int getLineNumber() {
    return _lineNumber;
}

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

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

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

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

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

public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
    int nodeType;

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

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

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

            // Expand \{uri\}:* to *[namespace-uri()] = 'uri' - same for @*
            if (uri != null && (local.equals("*") || local.equals("@*"))) {
                if (predicates == null) {
                    predicates = new Vector(2);
                }
                // Priority is set by hand if no other predicates exist
                setPriority = (predicates.size() == 0);

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

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

            predicates.add(
                new Predicate(
                    new EqualityExpr(Operators.EQ,
                        new NamespaceUriCall(namespace_uri),
                        new LiteralExpr(uri))));
        }
    }
}
if (local.equals("*")) {
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
    NodeTest.ELEMENT;
} else if (local.equals("@*")) {
    nodeType = NodeTest.ATTRIBUTE;
} else {
    nodeType = (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name) :
    _xsltc.registerElement(name);
}

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

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

return result;
}

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

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

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

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

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

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

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

return result;
}
else if (local.equals("@*")) {
    return NodeTest.ATTRIBUTE;
}

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

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

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

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
                                        _expression);
    _parser.reportError(Constants.FATAL, err);
}

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

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

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

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

non terminal SyntaxTreeNode TopLevel;

non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;
non terminal Expression VariableReference, FunctionCall;
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;
non terminal Pattern Pattern;
non terminal Pattern LocationPathPattern;
non terminal StepPattern ProcessingInstructionPattern;
non terminal RelativePathPattern RelativePathPattern;
non terminal StepPattern StepPattern;
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;
non terminal QName QName, FunctionName, VariableName;
non terminal Integer AxisName, AxisSpecifier;
non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;
precedence left OR;
precedence left AND;
precedence nonassoc EQ, NE;
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;
precedence left DIV, MOD, STAR;
precedence left DOLLAR;
precedence left ATSIGN;
precedence right DCOLON;
start with TopLevel;

TopLevel ::= PATTERN Pattern::pattern
\{ RESULT = pattern; \}
\|
EXPRESSION Expr::expr
\{ RESULT = expr; \};

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

Pattern ::= LocationPathPattern::lpp
\{ RESULT = lpp; \}
\|
LocationPathPattern::lpp VBAR Pattern::p
\{ RESULT = new AlternativePattern(lpp, p); \};

LocationPathPattern ::= SLASH
\{ RESULT = new AbsolutePathPattern(null); \}
\|
SLASH RelativePathPattern::rpp
\{ RESULT = new AbsolutePathPattern(rpp); \}
\|
IdKeyPattern::ikp
\{ RESULT = ikp; \}
\|
IdKeyPattern::ikp SLASH RelativePathPattern::rpp
\{ RESULT = new ParentPattern(ikp, rpp); \}
\|
IdKeyPattern::ikp DSLASH RelativePathPattern::rpp
\{ RESULT = new AncestorPattern(ikp, rpp); \}
\|
DSLASH RelativePathPattern::rpp
\{ RESULT = new AncestorPattern(rpp); \}
\|
RelativePathPattern::rpp
\{ RESULT = rpp; \};

IdKeyPattern ::= ID LPAREN Literal::l RPAREN
\{ RESULT = new IdPattern(l);
parser.setHasIdCall(true);
\}
\|
KEY LPAREN Literal::l1 COMMA Literal::l2 RPAREN
\{ RESULT = new KeyPattern(l1, l2); \};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal::l RPAREN
\{ RESULT = new ProcessingInstructionPattern(l); \};
RelativePathPattern ::= StepPattern:sp
   { : RESULT = sp; : }
   | StepPattern:sp SLASH RelativePathPattern:rpp
     { : RESULT = new ParentPattern(sp, rpp); : }
   | StepPattern:sp DSLASH RelativePathPattern:rpp
     { : RESULT = new AncestorPattern(sp, rpp); : };

StepPattern ::= NodeTestPattern:nt
   { :
     RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
     :
   }
   | NodeTestPattern:nt Predicates:pp
     { :
     RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
     :
   }
   | ProcessingInstructionPattern:pip
     { : RESULT = pip; : }
   | ProcessingInstructionPattern:pip Predicates:pp
     { : RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); : }
   | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
     { :
     RESULT = parser.createStepPattern(axis.intValue(), nt, null);
     :
   }
   | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt Predicates:pp
     { :
     RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
     :
   }
   | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
     { :
     RESULT = pip; // TODO: report error if axis is attribute
     :
   }
   | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
     Predicates:pp
     { :
     // TODO: report error if axis is attribute
     RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
     : };
NodeTestPattern ::= NameTestPattern:nt
    { : RESULT = nt; : }

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

UnaryExpr ::= UnionExpr:ue
| : RESULT = ue; : |

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

UnionExpr ::= PathExpr:pe
| : RESULT = pe; : |

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

PathExpr ::= LocationPath:lp
| : RESULT = lp; : |

| FilterExpr:fexp |
| : RESULT = fexp; : |

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

| FilterExpr:fexp DSLASH RelativeLocationPath:rlp |
| : |

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

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

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

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

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

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

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

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

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

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
{: final Step right  = (Step)step;
   final int  axis   = right.getAxis();
   final int  type   = right.getNodeType();
   final Vector predicates = right.getPredicates();
   if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {

// Compress 'child:E' into 'descendant::E' - if possible
if (predicates == null) {
    right.setAxis(Axis.DESCENDANT);
    if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
        RESULT = right;
    } else {
        // Expand 'child::E' into 'descendant::E'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
        RESULT = new ParentLocationPath(left, right);
    }
} else {
// Expand 'step' -> 'descendant-or-self::*/step'
if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
    Step left = new Step(Axis.DESCENDANTORSELF,
    DTM.ELEMENT_NODE, null);
    RESULT = new ParentLocationPath(left, right);
}
else {
    // Expand 'step' -> 'descendant-or-self::*/step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step mid = new Step(Axis.DESCENDANTORSELF,
    DTM.ELEMENT_NODE, null);
    ParentLocationPath ppl = new ParentLocationPath(mid, right);
    RESULT = new ParentLocationPath(left, ppl);
}
} else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
// Expand 'step' -> 'descendant-or-self::*/step'
RelativeLocationPath left = (RelativeLocationPath)rlp;
Step middle = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
else {
// Expand 'step' -> 'descendant-or-self::node()/step'
RelativeLocationPath left = (RelativeLocationPath)rlp;
Step middle = new Step(Axis.DESCENDANTORSELF,
DOM.NO_TYPE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
}
AbbreviatedAbsoluteLocationPath ::= DSLASH RelativeLocationPath:rlp
    {:
        //
        // Expand '// into '/descendant-or-self::node()/' or
        // into /descendant-or-self::*/
        //
        int nodeType = DOM.NO_TYPE;
        if (rlp instanceof Step &&
            parser.isElementAxis(((Step) rlp).getAxis()))
        {
            nodeType = DTM.ELEMENT_NODE;
        }
        final Step step = new Step(Axis.DESCendantOrSelf, nodeType, null);
        RESULT = new AbsoluteLocationPath(parser.insertStep(step,
            (RelativeLocationPath) rlp));
    :};

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

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

| AxisSpecifier:axis NodeTest:ntest Predicates:pp
    {:
        RESULT = new Step(axis.intValue(),
            parser.findNodeType(axis.intValue(), ntest),
            pp);
    :}
AxisSpecifier::= AxisName:an DCOLON
    {: RESULT = an; :}

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FunctionCall:fc
{: RESULT = fc; ;}

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

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

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

FunctionCall ::= FunctionName:fname LPAREN RPAREN
{: if (fname == parser.getQNameIgnoreDefaultNs("current")) {
    RESULT = new CurrentCall(fname);
}
else if (fname == parser.getQNameIgnoreDefaultNs("number")) {
    RESULT = new NumberCall(fname, parser.EmptyArgs);
}
else if (fname == parser.getQNameIgnoreDefaultNs("string")) {
    RESULT = new StringCall(fname, parser.EmptyArgs);
}
else if (fname == parser.getQNameIgnoreDefaultNs("concat")) {
    RESULT = new ConcatCall(fname, parser.EmptyArgs);
}
else if (fname == parser.getQNameIgnoreDefaultNs("true")) {
    RESULT = new BooleanExpr(true);
}
else if (fname == parser.getQNameIgnoreDefaultNs("false")) {
    RESULT = new BooleanExpr(false);
}
else if (fname == parser.getQNameIgnoreDefaultNs("name")) {
    RESULT = new NameCall(fname);
}
else if (fname == parser.getQNameIgnoreDefaultNs("generate-id")) {
    RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
else if (fname == parser.getQNameIgnoreDefaultNs("string-length")) {
    RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
else if (fname == parser.getQNameIgnoreDefaultNs("position")) {
    RESULT = new PositionCall(fname);
}
else if (fname == parser.getQNameIgnoreDefaultNs("last")) {
    RESULT = new LastCall(fname);
}
else if (fname == parser.getQNameIgnoreDefaultNs("local-name")) {
    RESULT = new LocalNameCall(fname);
}
else if (fname == parser.getQNameIgnoreDefaultNs("namespace-uri")) {
    RESULT = new NamespaceUriCall(fname);
}
else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}:

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN |
| ::
| if (fname == parser.getQNameIgnoreDefaultNs("concat")) {
|    RESULT = new ConcatCall(fname, argl);
|}
else if (fname == parser.getQNameIgnoreDefaultNs("number")) {
    RESULT = new NumberCall(fname, argl);
} else if (fname == parser.getQNameIgnoreDefaultNs("document")) {
    parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("string")) {
    RESULT = new StringCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("boolean")) {
    RESULT = new BooleanCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("name")) {
    RESULT = new NameCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("generate-id")) {
    RESULT = new GenerateIdCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("not")) {
    RESULT = new NotCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("format-number")) {
    RESULT = new FormatNumberCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("unparsed-entity-uri")) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("key")) {
    RESULT = new KeyCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("id")) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("ceiling")) {
    RESULT = new CeilingCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("round")) {
    RESULT = new RoundCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("floor")) {
    RESULT = new FloorCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("contains")) {
    RESULT = new ContainsCall(fname, argl);
}
} else if (fname == parser.getQNameIgnoreDefaultNs("string-length")) {
    RESULT = new StringLengthCall(fname, argl);
}
else if (fname == parser.getQNameIgnoreDefaultNs("starts-with")) {
    RESULT = new StartsWithCall(fname, argl);
}
else if (fname == parser.getQNameIgnoreDefaultNs("function-available")) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (fname == parser.getQNameIgnoreDefaultNs("element-available")) {
    RESULT = new ElementAvailableCall(fname, argl);
}
else if (fname == parser.getQNameIgnoreDefaultNs("local-name")) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (fname == parser.getQNameIgnoreDefaultNs("lang")) {
    RESULT = new LangCall(fname, argl);
}
else if (fname == parser.getQNameIgnoreDefaultNs("namespace-uri")) {
    RESULT = new NamespaceUriCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") ||
            fname.getLocalPart().equals("node-set")) {
    parser.setCallsNodeset(true); // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}
);

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

FunctionName ::= QName:fname
{
    RESULT = fname;
};

VariableName ::= QName:vname
{
    RESULT = vname;
};
Argument ::= Expr:ex
   { RESULT = ex; : }

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

NameTest ::= STAR
   { RESULT = null; : }
   | QName:qn
   { RESULT = qn; : }

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

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

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

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

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

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

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

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

\| DESCendant
\{ : RESULT = parser.getQNameIgnoreDefaultNs("descendant"); : \}

\| DESCendantORSELF
\{ : RESULT = parser.getQNameIgnoreDefaultNs("descendant-or-self"); : \}

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

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

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

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

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

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

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

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

Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1- jar/org/apache/xalan/xsltc/compiler/xpath.cup
No license file was found, but licenses were detected in source scan.

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 * @(#)Id: Operators.java,v 1.2 2003/01/27 18:44:50 mkwan Exp $
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* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* */

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/runtime/Operators.java
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*
* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author Erwin Bolwidt <ejb@klomp.org>
*
*/

Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xslt/compiler/CastExpr.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xslt/compiler/TransletOutput.java
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* @(#)$Id: ForEach.java,v 1.16 2003/04/01 21:08:59 mkwan Exp $
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* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/ForEach.java
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* /*
* /**
* <meta name="usage" content="advanced"/>
* Execute the proprietary document-location() function, which returns
* a node set of documents.
*/

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/utils/synthetic/JavaUtils.java
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 * @(#)Id: Util.java,v 1.12 2003/01/30 18:46:09 mkwan Exp $
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/util/Util.java
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/*
* @(#)Id: ErrorMessages_de.java,v 1.1 2003/05/28 13:59:35 mkwan Exp $
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jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages_de.java
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  jar/org/apache/xalan/xsltc/compiler/UnparsedEntityUriCall.java
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* @(#)Id: NotCall.java,v 1.4 2003/01/30 18:46:01 mkwan Exp $
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@author Santiago Pericas-Geertsen
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* @author Santiago Pericas-Geertsen
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/SymbolTable.java

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  jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages.java
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* @author Santiago Pericas-Geertsen
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* @author John Howard <JohnH@schemasoft.com>
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/WithParam.java

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/dom/AbsoluteIterator.java
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* @(#)Id: CollatorFactory.java,v 1.2 2003/01/27 18:44:35 mkwan Exp $ 
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
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  jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages_ja.java
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* jar/org/apache/xalan/xsltc/compiler/Output.java
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  jar/org/apache/xalan/xsltc/compiler/Comment.java
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Found in path(s):
/* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xsltc/dom/MatchingIterator.java
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@(#)$Id: FloorCall.java,v 1.4 2003/01/30 18:46:00 mkwan Exp $

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/* *
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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/dom/SingletonIterator.java
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/*
* @(#)$Id: TransformerHandlerImpl.java,v 1.15 2003/04/01 21:19:06 mkwan Exp $
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/trax/TransformerHandlerImpl.java
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/*@(#)$Id: SortingIterator.java,v 1.5 2003/04/01 21:39:17 mkwan Exp $*/

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Found in path(s):
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xslt/dom/SortingIterator.java
package com.sun.xslt.compiler;

import com.sun.xslt.compiler.util.Type;
import de.fub.bytecode.generic.*;
import com.sun.xslt.compiler.util.*;

final class PositionCall extends FunctionCall {

    private int _type = -1;

    public PositionCall(QName fname) {
        super(fname);
    }

    public PositionCall(QName fname, int type) {
        this(fname);
        _type = type;
    }

    public void translate(ClassGenerator classGen, MethodGenerator methodGen) {

        final InstructionList il = methodGen.getInstructionList();

        // If we're a part of an expression's predicate we want to know what
        // type of node we want to be looking for
        if (getParent() instanceof Expression) {
            if (getParent().getParent() instanceof Predicate) {
                Predicate pred = (Predicate)getParent().getParent();
                _type = pred.getPPosType();
            }
        }
    }
}
if (methodGen instanceof CompareGenerator) {
    il.append(((CompareGenerator)methodGen).loadCurrentNode());
}
else if (methodGen instanceof TestGenerator) {
    il.append(new ILOAD(POSITION_INDEX));
}

// this was the original code block that calls getPosition()
// I replaced this block with next else if block (see **)
else if (_type == -1) {
    final ConstantPoolGen cpg = classGen.getConstantPool();
    final int getPosition = cpg.addInterfaceMethodref(NODE_ITERATOR,
    "getPosition",
    "(I)I");
    il.append(methodGen.loadIterator());
    il.append(new INVOKEINTERFACE(getPosition, 1));
}

else if (_type == -1) {
    // this is the block I added to call position() via getTypedPosition
    // to get this to work needed to hardcode PUSH(cpg, 7) which will produce
    // bipush 7, instead of iconst_m1.
    final ConstantPoolGen cpg = classGen.getConstantPool();
    final String DOM_CLASS = classGen.getDOMClass();
    // public int getTypedPosition(NodeIterator iterator, int type) {
    final int pos = cpg.addMethodref(DOM_CLASS,
    "getTypedPosition",
    "(+NODE_ITERATOR_SIG+"II")I");
    il.append(methodGen.loadDOM());
    il.append(methodGen.loadIterator());
    //GTM il.append(new PUSH(cpg, _type)); // this make iconst_m1
    il.append(new PUSH(cpg, 7));    // GTM HARD CODED FOR TESTING ONLY
    il.append(methodGen.loadCurrentNode());
    il.append(new INVOKEVIRTUAL(pos));
}
else {
    final ConstantPoolGen cpg = classGen.getConstantPool();
    final String DOM_CLASS = classGen.getDOMClass();
    // public int getTypedPosition(NodeIterator iterator, int type) {
    final int pos = cpg.addMethodref(DOM_CLASS,
    "getTypedPosition",
    "(+NODE_ITERATOR_SIG+"II")I");
    il.append(methodGen.loadDOM());
    il.append(methodGen.loadIterator());
    il.append(new PUSH(cpg, _type));
    il.append(methodGen.loadCurrentNode());
    il.append(new INVOKEVIRTUAL(pos));
}
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/*
 * @(#)Id: ErrorMessages_pt_BR.java,v 1.1 2003/05/28 13:59:36 mkwan Exp $
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  jar/org/apache/xalan/xsltc/runtime/ErrorMessages_pt_BR.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/dom/CollatorFactoryBase.java

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 * @(#)Id: UnionPathExpr.java,v 1.9 2003/04/01 21:09:00 mkwan Exp $ *
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jar/org/apache/xalan/xslt/compiler/UnionPathExpr.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-  
  jar/org/apache/xalan/xslt/compiler/util/ErrorMessages_cs.java  
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This is a special exception that is used to stop parsing when search for an element. For instance, when searching for xml:stylesheet PIs, it is used to stop the parse once the document element is found. @see StylesheetPIHandler

Found in path(s):
/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/processor/StopParseException.java

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  /opt/cola/permits/1109000424_1606240396.55/0/xalan-2.5-1-sources-1-
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  jar/org/apache/xalan/xsltc/compiler/ArgumentList.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2.5.1-sources-1.jar/org/apache/xalan/xsltc/compiler/KeyPattern.java

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* jar/org/apache/xalan/xsltc/compiler/RelativePathPattern.java

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xslt/runtime/output/WriterOutputBuffer.java
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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-jar/org/apache/xalan/xsltc/dom/Filter.java
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* @author Santiago Pericas-Geerten
* @author G. Todd Miller
* @author Erwin Bolwidt <ejb@klomp.org>
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Found in path(s):
*/opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
jar/org/apache/xalan/xslt/compiler/util/ErrorMsg.java

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* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xalan/xsltc/compiler/AttributeSet.java
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  jar/org/apache/xalan/xslt/runtime/output/TransletOutputHandlerFactory.java
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  jar/org/apache/xalan/xslt/compiler/FunctionAvailableCall.java

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  jar/org/apache/xml/dtm/SecuritySupport12.java
* /opt/cola/permits/1109000424_1606240396.55/0/xalan-2-5-1-sources-1-
  jar/org/apache/xml/dtm/SecuritySupport.java
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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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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 */
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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Theodore Ts'o
23-June-2007

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That's all there is to it!
This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003
It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

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

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

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

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# This is a Makefile stub which handles the creation of BSD shared
# libraries.

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

# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)

all:: image

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

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

image: $(BSD_LIB)

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

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

install-shlibs-strip: install-shlibs

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

clean::
$ (RM) -rf pic
$ (RM) -f $(BSD_LIB)
$ (RM) -f ../$(BSD_LIB)

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

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

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Gadi Oxman, August 1995

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

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating
Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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@end iftex
@end ifinfo

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@example
one line to give the library's name and an idea of what it does.
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@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

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(This file is under construction.)

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++++++++++

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

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

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and
verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpxu host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

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

Steve Chamberlain made gas able to generate listings.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative
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1.701 grep 3.4 1
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1.706  lcms 2.11-r0
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1.712 java-cacerts 1.0-r1
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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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

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

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.
Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

c) If distribution of the work is made by offering access to copy
d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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

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

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

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

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

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DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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

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

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

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

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

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

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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

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

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

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

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

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free
In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

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

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

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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

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

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

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

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

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

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

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

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

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

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

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

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library
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1.715.1 Available under license:

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

--- libxxf86vm-1.1.4.orig/autogen.sh
+++ libxxf86vm-1.1.4/autogen.sh
@@ -0,0 +1,14 @@
+#!/bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+
+autoreconf -v --install || exit 1
+cd $ORIGDIR || exit $?
+
+if test -z "$NOCONFIGURE"; then
+    $srcdir/configure "$@
+fi

--- libxxf86vm-1.1.4.orig/debian/README.source
+++ libxxf86vm-1.1.4/debian/README.source
@@ -0,0 +1,49 @@
+------------------------------------------------------
+Quick Guide To Patching This Package For The Impatient
+------------------------------------------------------
+
+1. Make sure you have quilt installed
+2. Unpack the package as usual with "dpkg-source -x"
+3. Run the "patch" target in debian/rules
+4. Create a new patch with "quilt new" (see quilt(1))
+5. Edit all the files you want to include in the patch with "quilt edit"
+    (see quilt(1)).
+6. Write the patch with "quilt refresh" (see quilt(1))
+7. Run the "clean" target in debian/rules
+
+Alternatively, instead of using quilt directly, you can drop the patch in to
+debian/patches and add the name of the patch to debian/patches/series.
+
+Guide To The X Strike Force Packages
+
+The X Strike Force team maintains X packages in git repositories on
+git.debian.org in the pkg-xorg subdirectory. Most upstream packages
+are actually maintained in git repositories as well, so they often
+just need to be pulled into git.debian.org in a "upstream-*" branch.
+Otherwise, the upstream sources are manually installed in the Debian
The .orig.tar.gz upstream source file could be generated this "upstream-*" branch in the Debian git repository but it is actually copied from upstream tarballs directly.

Due to X.org being highly modular, packaging all X.org applications as their own independent packages would have created too many Debian packages. For this reason, some X.org applications have been grouped into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils, x11-utils, x11-xfs-utils, x11-xkb-utils, x11-xserver-utils.

Most packages, including the X.org server itself and all libraries and drivers are, however maintained independently.

The Debian packaging is added by creating the "debian-*" git branch which contains the aforementioned "upstream-*" branch plus the debian/repository files.

When a patch has to be applied to the Debian package, two solutions are involved:

* If the patch is available in one of the upstream branches, it may be git'cherry-picked into the Debian repository. In this case, it appears directly in the .diff.gz.

* Otherwise, the patch is added to debian/patches/ which is managed with quilt as documented in /usr/share/doc/quilt/README.source.

---

libxxf86vm-1.1.4.orig/debian/changelog
+++ libxxf86vm-1.1.4/debian/changelog
@@ -0,0 +1,182 @@
+libxxf86vm (1:1.1.4-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Let uscan verify tarball signatures.
+ * Build-depend on Xlib 1.6.
+ * Remove Cyril from Uploaders.
+
+ -- Julien Cristau <jcristau@debian.org> Thu, 30 Apr 2015 23:10:48 +0200
+
+libxxf86vm (1:1.1.3-1) unstable; urgency=low
+
+ * New upstream release.
+ * Make libxxf86vm-dev Multi-Arch: same (closes: #678898).
+ * Bump debhelper build-dep to 9 to match compat level.
+
+ -- Julien Cristau <jcristau@debian.org> Tue, 13 Aug 2013 06:54:44 +0200
+
+libxxf86vm (1:1.1.2-1+deb7u1) wheezy-security; urgency=high
+
+ * When Xcalloc() returns NULL, you don't need to Xfree() it
+ * Improve error handling in XF86VidModeGetMonitor()
Unlock display before returning alloc error in XF86VidModeGetModeLine(),
XF86VidModeGetAllModeLines(), XF86VidModeGetDotClocks()
* memory corruption in XF86VidModeGetGammaRamp() [CVE-2013-2001]
* avoid integer overflow in XF86VidModeGetModeLine()

-- Julien Cristau <jcristau@debian.org>  Wed, 15 May 2013 19:35:47 +0200
+libxxf86vm (1:1.1.2-1) unstable; urgency=low
+ [ Robert Hooker ]
+ * New upstream release.
+
-- Julien Cristau <jcristau@debian.org>  Mon, 30 Apr 2012 15:27:46 +0200
+libxxf86vm (1:1.1.1-2) unstable; urgency=low
+ * Team upload.
+
+ [ Steve Langasek ]
+ * Build for multiarch.
+
+ [ Timo Aaltonen ]
+ * Switch to dh.
+ * Remove xsfbs accordingly.
+ * Bump Standards-Version to 3.9.2 (no changes).
+ * Remove David Nusinow and Andres Salomon from Uploading.
+
-- Julien Cristau <jcristau@debian.org>  Sun, 12 Jun 2011 16:41:06 +0200
+libxxf86vm (1:1.1.1-1) unstable; urgency=low
+ [ Julien Cristau ]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
  good reason. Thanks, Colin Watson!
+ * Remove myself from Uploading
+
+ [ Cyril Brulebois ]
+ * New upstream release.
+ * Update debian/copyright from upstream COPYING.
+ * Bump xutils-dev build-dep for new macros.
+ * Switch from --list-missing to --fail-missing for additional safety.
+ * Exclude libXxf86vm.la from dh_install accordingly.
+ * Add myself to Uploading.
+
-- Cyril Brulebois <kibi@debian.org>  Fri, 19 Nov 2010 14:28:15 +0100
+libxxf86vm (1:1.1.0-2) unstable; urgency=low
+ * Upload to unstable.

+ -- Julien Cristau <jcristau@debian.org>  Wed, 06 Jan 2010 13:02:53 +0000

+ libxxf86vm (1:1.1.0-1) experimental; urgency=low

+ [ Timo Aaltonen ]
+ * New upstream release.
+ * Run autoreconf on build. Add build-deps on automake, libtool and
+   xutils-dev.
+ * Parse space-separated DEB_BUILD_OPTIONS, and handle parallel=N.
+ * Bump Standards-Version to 3.8.3.
+ * Drop pre-dependency on x11-common from libxx86vm-dev. This was needed
   for upgrades from sarge.
+ * Add includes in -dev, bump [Build-]Depends, add Replaces on
   x11proto-xf86vidmode-dev.
+ * Move -dbg package to section debug.

+ -- Julien Cristau <jcristau@debian.org>  Wed, 02 Dec 2009 16:29:01 +0100

+ libxxf86vm (1:1.0.2-1) unstable; urgency=low

+ [ Brice Goglin ]
+ * Add a link to www.X.org and a reference to the upstream module
+   in the long description.
+ * Add upstream URL to debian/copyright.
+ * Install the upstream ChangeLog.

+ [ Julien Cristau ]
+ * New upstream release.

+ -- Julien Cristau <jcristau@debian.org>  Tue, 08 Jul 2008 23:45:15 +0200

+ libxxf86vm (1:1.0.1-3) unstable; urgency=low

+ * Remove Fabio and Branden from Uploaders with their permission.
+ * Don't build-depend on packages with a -1 debian revision.
+ * Bump Standards-Version to 3.7.3.
+ * Add Vcs-* control fields.
+ * Don't make libxxf86vm1{-dbg} depend on x11-common.
+ * Drop obsolete CVS information from the package descriptions.
+ * Use ${binary:Version} instead of the deprecated ${Source-Version}
+ * Add correct Section control fields for all packages.
+ * Add myself to Up uploaders.
+ * autoreconf with current auto tools to get updated config.{guess,sub}.

+ -- Julien Cristau <jcristau@debian.org>  Sun, 11 May 2008 17:41:49 +0200
+libxxf86vm (1:1.0.1-2) unstable; urgency=low
+  [ Andres Salomon ]
+  * Autoreconf w/ an updated xutils-dev so that manpages have the ‘x’ extension dropped.
+  +  [ Drew Parsons ]
+  * dbg package has priority extra.
+  +  -- David Nusinow <dnusinow@debian.org>  Mon, 18 Sep 2006 22:26:21 -0400
+  +libxxf86vm (1:1.0.1-1) experimental; urgency=low
+  +  * New upstream release.
+  +  * Drop patches/01_manpage_location.diff; merged upstream.
+  +  * Test for obj-$DEB_BUILD_GNU_TYPE) before creating it during build;
+  +  idempotency fix.
+  +  * Run dh_install w/ --list-missing.
+  +  * Drop duplicate x11-common dep in -dev package.
+  +  * Bump standards version to 3.7.2.0.
+  +  * Version x11-common pre-dep in -dev package to 1:7.0.0 to match
+  +  the rest of Debian.
+  +  * Bump debhelper compat to 5.
+  +  * Fix dh_strip call to skip the -dbg package.
+  +  * Don't attempt to install (non-existent) usr/include/X11/* stuff.
+  +
+  +  -- Andres Salomon <dilinger@debian.org>  Sun, 23 Jul 2006 04:35:51 -0400
+  +libxxf86vm (1:1.0.0-4) unstable; urgency=low
+  +  * Reorder makeshlib command in rules file so that ldconfig is run
+  +  properly. Thanks Drew Parsons and Steve Langasek.
+  +  * Add quilt to build-depends
+  +
+  +  -- David Nusinow <dnusinow@debian.org>  Wed, 19 Apr 2006 02:47:28 -0400
+  +libxxf86vm (1:1.0.0-3) unstable; urgency=low
+  +  * Upload to unstable
+  +
+  +  -- David Nusinow <dnusinow@debian.org>  Thu, 23 Mar 2006 22:46:36 -0500
+  +libxxf86vm (1:1.0.0-2) experimental; urgency=low
+  +  * Backport manpage location fix
+  +
+  +  -- David Nusinow <dnusinow@debian.org>  Thu,  9 Mar 2006 23:38:46 -0500
+  +
+Description: X11 XFree86 video mode extension library
+ libXxf86vm provides an interface to the XFree86-VidModeExtension
+ extension, which allows client applications to get and set video mode
+ timings in extensive detail. It is used by the xvidtune program in
+ particular.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXxf86vm
+ .
+Package: libxxf86vm1-dbg
+Section: debug
+Architecture: any
+Priority: extra
+Depends: '${shlibs:Depends}', '${misc:Depends}', libxxf86vm1 (= ${binary:Version})
+Multi-Arch: same
+Description: X11 XFree86 video mode extension library (debug package)
+ libXxf86vm provides an interface to the XFree86-VidModeExtension
+ extension, which allows client applications to get and set video mode
+ timings in extensive detail. It is used by the xvidtune program in
+ particular.
+ .
+ This package contains the debug versions of the library found in libxxf86vm1.
+ Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXxf86vm
+ .
+Package: libxxf86vm-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends:
+ '${shlibs:Depends}',
+ '${misc:Depends}',
+ libxxf86vm1 (= ${binary:Version}),
+ libx11-dev,
+ x11proto-xf86vidmode-dev (>= 2.2.99.1)
+Replaces:
+ x11proto-xf86vidmode-dev (<< 2.2.99.1)
+Description: X11 XFree86 video mode extension library (development headers)
+ libXxf86vm provides an interface to the XFree86-VidModeExtension
+ extension, which allows client applications to get and set video mode
+ timings in extensive detail. It is used by the xvidtune program in + particular.
+.
+ This package contains the development headers for the library found in + libxxf86vm1. Non-developers likely have little use for this package.
+.
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+.
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXxf86vm
--- libxxf86vm-1.1.4.orig/debian/copyright
+++ libxxf86vm-1.1.4/debian/copyright
@@ -0,0 +1,28 @@
+This package was downloaded from
+http://xorg.freedesktop.org/releases/individual/lib/
+
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+++ libxxf86vm-1.1.4/debian/libxxf86vm-dev.install
@@ -0,0 +1,5 @@
+usr/share/man/*
+usr/lib/*/libXxf86vm.a
+usr/lib/*/libXxf86vm.so
1.716 musl-dev 1.1.24-r3
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include/bsd/stdlib.h
include/bsd/sys/param.h
include/bsd/unistd.h
src/bsd_getopt.c
src/err.c
src/fgetln.c
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Files:
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include/bsd/sys/bitstring.h
include/bsd/sys/queue.h
include/bsd/sys/time.h
include/bsd/timeconv.h
include/bsd/vis.h
man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
man/fgetwln.3bsd
man/fpurge.3bsd
man/funopen.3bsd
man/getbsize.3bsd
man/heapsort.3bsd
man/nlist.3bsd
man/queue.3bsd
man/radixsort.3bsd
man/reallocarray.3bsd
man/reallocf.3bsd
man/setmode.3bsd
man/strmode.3bsd
man/strnstr.3bsd
man/strtoi.3bsd
man/strtou.3bsd
man/unvis.3bsd
man/vis.3bsd
man/wcsclidean.3bsd
src/getbsize.c
src/heapsort.c
src/merge.c
src/hlist.c
src/radixsort.c
src/setmode.c
src/strmode.c
src/strnstr.c
src/strtoi.c
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man/fmtcheck.3bsd
man/humanize_number.3bsd
man/stringlist.3bsd
man/timeval.3bsd
src/fmtcheck.c
src/humanize_number.c
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man/byteorder.3bsd
man/closefrom.3bsd
man/expand_number.3bsd
man/flopen.3bsd
man/getpeereid.3bsd
man/pidfile.3bsd
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++++++++++++++++

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

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

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbdf) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog
targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using
patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a “work based on the library” and a “work that uses the library”. The former contains code derived from the library, while the latter only works together with the library.

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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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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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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

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c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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@enumerate 0
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iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language

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(12) Jon Beniston (only lm32-* targets)

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usr/bin/lpq
usr/bin/lpr
usr/bin/lprm
usr/share/man/man1/lpr.1.gz
usr/share/man/man1/lprm.1.gz
usr/share/man/man1/lpq.1.gz
usr/share/man/man8/lpc.8.gz

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Upstream-Name: CUPS
Upstream-Contact: Michael Sweet <msweet@apple.com>
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Files: cups/* filter/*
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**1.738 glib 2.62.6-r0**

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1.747 jcodings 1.0.12

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* /opt/cola/permits/1108987576_1606240261.83/0/jcodings-1-0-12-sources-1-jar/org/jcodings/unicode/UnicodeProperties.java

1.748 jersey-server 2.28
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1.749 unzip 6.0-23

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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'
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(vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c),
Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket
UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompressison
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Frequently Asked Questions regarding (re)distribution of Zip and UnZip
are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys
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that performs LZW encoding_, but the patent appears to exempt a stand-
alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed
otherwise, but the issue has never been tested in court. Since this
point is unclear, unshrinking is not enabled by default. It is the
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its licensing requirements. (unshrink.c may be removed from future releases altogether.)

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 Licence. 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
* 
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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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The remaining code was written by many people associated with the
Info-ZIP group, with large contributions from (but not limited to):
Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
mapping/portability, etc.), Mark Adler (inflate, explode, funzip).
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and
others. See the file CONTRIBS in the source distribution for a much
more complete list of contributors.
The decompression core code for the deflate method (inflate.[ch],
eplode.c) was originally written by Mark Adler who submitted it
as public domain code.

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1.750 perl-file-temp 0.23.01 3.el7

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analysis/common/src/resources/org/apache/lucene/analysis/bn/stopswords.txt
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The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:
```
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
```
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===========================================================================

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

===========================================================================

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mecab-ipadic-2.7.0-20070801

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http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

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1.756 coreutils 8.32-r2

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Julian Seward, Cambridge, UK.
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bzip2/libbzip2 version 1.0.4 of 20 December 2006
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Version 2.1, February 1999

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazil@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX.
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   If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

   However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

   When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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# 128 bit long double support was introduced with GCC 4.6.0 for FreeBSD.
# These lines make the symbols to get a @@GCC_4.6.0.

%exclude {
  __addtf3
  __copysigntf3
  __divtc3
  __divtf3
  __eqtf2
  __extenddftf2
  __extendsftf2
  __extendxftf2
  __fabstf2
  __fixtdi
  __fixtfi
  __fixtfdi
  __fixunstfdi
  __fixunstfsg
  __floatditf
  __floatsdfi
  __floattdif
  __floatutfi
  __floatundif

__floatunsitf
__floatuntitf
__getf2
__gttf2
__letf2
__lntf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__unordtf2
}

GCC_4.6.0 {
  __addtf3
%ifndef __x86_64__
  __copysignitf3
%endif
  __divtc3
  __divtf3
  __eqtf2
  __extenddftf2
  __extendsftf2
  __extendxftf2
%ifndef __x86_64__
  __fabstf2
%endif
  __fixtfdi
  __fixtfsi
%ifdef __x86_64__
  __fixtfti
%endif
  __fixunstfdi
  __fixunstfsi
%ifdef __x86_64__
  __fixunstfti
%endif
  __floatditf
  __floatsitf
%ifdef __x86_64__
  __floattitf
%endif
  __floatunditf
  __floatunsitf
  __floatuntitf
__floatunsitf
%ifdef __x86_64__
__floatuntitf
%endif
__getf2
__gttf2
__letf2
__ltf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary
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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
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a) Accompany the work with the complete corresponding
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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
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d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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### 1.784 zlib1g 1:1.2.11.dfsg 2ubuntu1.2

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Upstream-Name: zlib

Upstream-Contact: zlib@gzip.org

Source: http://zlib.net/

Comment: This is the pre-packaged Debian Linux version of the zlib compression library. It was packaged by Michael Alan Dorman <mdorman@debian.org> from sources originally retrieved from ftp.uu.net in the directory /pub/archiving/zip/zlib as the file zlib-1.0.4.tar.gz.

The deflate format used by zlib was defined by Phil Katz. The deflate
and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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- contrib/vstudio
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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

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   src/cff/cffpic.c src/cff/cffpic.h
   src/pshinter/pshpic.c src/pshinter/pshpic.h
   src/psnames/pspic.c src/psnames/pspic.h
   src/raster/rastpic.c src/raster/rastpic.h
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* GNU find was written by Eric Decker <cire@cisco.com>,
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The idea for -print0 and xargs -0 came from
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Improvements have been made by James Youngman <jay@gnu.org>.

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  was originally written by Mike Rendell, with enhancements by David
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  jar/io/netty/buffer/UnpooledDuplicatedByteBuf.java
* /opt/cola/permits/1108987459_1606240613.7/0/netty-buffer-4-1-32-final-sources-1-
  jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
* /opt/cola/permits/1108987459_1606240613.7/0/netty-buffer-4-1-32-final-sources-1-
  jar/io/netty/buffer/UnsafeByteBufUtil.java
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  jar/io/netty/buffer/PoolArenaMetric.java
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  jar/io/netty/buffer/HeapByteBufUtil.java
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  jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
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1.803 jackson-dataformat-cbor 2.8.11

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    src/udev/udev-builtin.c
    src/udev/udev-builtin-net_id.c
    src/udev/udev-builtin-net_setup_link.c
    src/udev/udev-builtin-btrfs.c
    src/udev/udev-builtin-keyboard.c
    src/udev/net/link-config.h
src/udev/net/link-config.c  
src/udev/net/ethtool-util.c  
src/udev/net/ethtool-util.h  

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1.812 libpopt 1.16 12
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@page
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Example

One line to give the program's name and a brief idea of what it does.

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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 @samp[show w] and @samp[show c] should show
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You should also get your employer (if you work as a programmer) or your
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necessary. Here is a sample; alter the names:

@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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==============

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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(1)
0.9.0 thru 1.2  1991-1995  CWI yes
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A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
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Sockets
-------

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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This is the Debian GNU/Linux prepackaged version of System V Init.

Init was written by Miquel van Smoorenburg <miquels@cistron.nl>.

This package was first put together by Bruce Perens <Bruce@Pixar.com>
from pre-distribution sources. Ian Murdock <imurdock@debian.org>
integrated it into the base system maintained it until the end of 1995.
Miquel van Smoorenburg <miquels@cistron.nl> implemented Debian support.
In version 2.85 the package was split into three (sysvinit, sysv-rc,
and initscripts) in order to make room for alternative rc mechanisms.
The upstream source is available at:

Primary-Site: ftp.cistron.nl /pub/people/miquels/software
   92K sysvinit-2.86.tar.gz
Alternate-Site: sunsite.unc.edu /pub/Linux/system/daemons/init
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Send patches to sysvinit-devel@nongnu.org.

The sysvinit package in Debian is maintained as an alioth project.
The project page is http://alioth.debian.org/projects/pkg-sysvinit/.

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The of the start-stop-daemon:

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
  public domain.
This package contains the scripts that are executed at start and
shutdown of Debian systems.

This package is built from the `sysvinit' source package. Please
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the upstream sources of the sysvinit package. Debian-specific files
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Send patches to sysvinit-devel@nongnu.org

The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
* public domain.
This package contains the mechanism for executing the right scripts
in the right order at bootup/shutdown time, and when changing runlevels.
It works through managing symlinks in /etc/rc?.d

This package is built from the `sysvinit' source package. Please
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1.821 musl-utils 1.2.2-r1

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1.823 libhogweed 3.4.1 1

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.  
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.  
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```
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/kproplg.c
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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

--------------------------------------------------------------------------
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1.838 ca-certificates 20191127-r1

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==============

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============================

Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python’s
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
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Mersenne Twister

The `_random` module includes code based on a download from http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed) or init_by_array(init_key, key_length).

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Any feedback is very welcome.
http://www.math.keio.ac.jp/matumoto/emt.html
email: matumoto@math.keio.ac.jp

Sockets
-------

The `socket' module uses the functions, `getaddrinfo', and
`getnameinfo', which are coded in separate source files from the WIDE

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.

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Mersenne Twister

The :mod:`random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Sockets
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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Original location:
   https://github.com/majek/csiphash/

Solution inspired by code from:
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   djb (supercop/crypto_auth/siphash24/little2)
   Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

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---------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from http://www.netlib.org/fp/. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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zlib
----

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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In-Reply-To: <rt-4.0.18-4704-1384789048-1647.90483-6-0@rt.cpan.org>
References: <RT-Ticket-90483@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)
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

1.856 nesla 3.0.13
1.856.1 Available under license:
No license file was found, but licenses were detected in source scan.

smartagent_privacyInfo=Confidentialit\u00e9 des donn\u00e9es :
smartagent_privacy_chHostnamePrivacy=Confidentialit\u00e9 du nom d'h\u00e0me Callhome :{0}
smartagent_privacy_slHostnamePrivacy=Confidentialit\u00e9 du nom d'h\u00e0me pour les licences Smart :{0}
smartagent_privacy_versionPrivacy=Confidentialit\u00e9 de la version :{0}
smartagent_license_displayName=Licence: {0}

Found in path(s):
* /opt/cola/permits/1147511359_1638227728.59/0/nesla-3-0-13-jar/samessages_fr.properties

No license file was found, but licenses were detected in source scan.

smartagent_license_displayName=License: {0}

Found in path(s):
* /opt/cola/permits/1147511359_1638227728.59/0/nesla-3-0-13-jar/samessages.properties
* /opt/cola/permits/1147511359_1638227728.59/0/nesla-3-0-13-jar/samessages_en.properties

1.857 readline 7.0.003-r1
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```
Local Variables:
ispell-local-pdict: "ispell-dict"
End:
```

1.858 libfribidi 0.19.7-1+b1

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Version 2.1, February 1999

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl
These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay
The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
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The `grn' preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

The original package can be found at http://ftp.cs.wisc.edu/pub/misc/grn.tar.Z.

- src/preproc/grn/gprint.h
- src/preproc/grn/hdb.cpp
- src/preproc/grn/hgraph.cpp
- src/preproc/grn/hpoint.cpp
- src/preproc/grn/main.cpp

The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

- src/devices/xditview/DESC.in
- src/devices/xditview/Dvi.c
- src/devices/xditview/Dvi.h
- src/devices/xditview/DviP.h
- src/devices/xditview/FontMap
- src/devices/xditview/GXditview.ad
- src/devices/xditview/Menu.h
- src/devices/xditview/ad2c
- src/devices/xditview/device.c
- src/devices/xditview/device.h
- src/devices/xditview/draw.c
- src/devices/xditview/font.c
- src/devices/xditview/gray1.bmp
- src/devices/xditview/gray2.bmp
- src/devices/xditview/gray3.bmp
- src/devices/xditview/gray4.bmp
- src/devices/xditview/gray5.bmp
- src/devices/xditview/gray6.bmp
- src/devices/xditview/gray7.bmp
- src/devices/xditview/gray8.bmp
- src/devices/xditview/gxditview.man
- src/devices/xditview/lex.c
- src/devices/xditview/page.c
- src/devices/xditview/parse.c
- src/devices/xditview/xdit.bmp
- src/devices/xditview/xdit_mask.bmp
- src/devices/xditview/xditview.c
src/include/DviChar.h
src/include/XFontName.h
src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c

Macro Packages
--------------

. The -mdoc macro set, using the BSD license.

  tmac/doc.tmac
  tmac/doc-old.tmac
  tmac/doc-common
  tmac/doc-ditroff
  tmac/doc-nroff
  tmac/doc-syms
  tmac/groff_mdoc.man

. The -me macro set, using the BSD license.

  tmac/e.tmac
  tmac/groff_me.man
  doc/meintro.me
  doc/meintro_fr.me
  doc/meref.me

Hyphenation Patterns
---------------------

. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of
the TeX system written by Donald E. Knuth; the master file can be found
at


It has been renamed for consistency, i.e., to make patterns available
under the filenames `hyphen.<language>', e.g. `hyphen.de' or
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. The file `tmac/hyphen.fr' contains the same patterns as the file
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http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex

The patterns have been converted to a format groff can understand.

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. The file `tmac/hyphen.sv' is identical to the file `svhyph.tex', which can be found at

    http://dante.ctan.org/CTAN/language/hyphenation/svhyph.tex

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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyph-x-2017-03-31.pat' and `dehyphn-x-2017-03-31.pat' (for TeX), respectively, which can be found at

    http://ctan.org/tex-archive/language/hyphenation/dehyph-exptl

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. The file `tmac/hyphen.cs' contains the same patterns as the file `czhyphen.tex' (for TeX), which can be found in the archive

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**AUTHOR**

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.879 rpm-libs 4.14.2-37.el8

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---------------------------------------------------------------------------

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-----
Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

"There is no restriction on modifications and derived works" on the work I
did for the openldap server as long as this is consistent with the openldap
license. Please forward this email to Kurt so he does the appropriate
changes to the files to reflect this.

Regards, Juan

-----

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-----
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-Mark
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The Foundation sees no reason for it to expend its limited resources seeking clarifications which it believes are unnecessary. You are, of course, welcomed to expend time and energy seeking clarifications you think are necessary. I suggest you contact University's general counsel office (http://www.umich.edu/~vpgc/).

Regards, Kurt

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1.884 libxi 2:1.7.9 1

1.884.1 Available under license:
No license file was found, but licenses were detected in source scan.

--- libxi-1.7.9.orig/.gitignore
+++ libxi-1.7.9/.gitignore
@@ -0,0 +1,78 @@
#
# X.Org module default exclusion patterns
#
+# The next section if for module specific patterns
+
+# Do not edit the following section
+# GNU Build System (Autotools)
+aclocal.m4
+*.exe
+*.ISO*.bdf
+*.JIS*.bdf
+*.KOI8*.bdf
+*.kld
+*.ko
+*.ko.cmd
+*.lai
+*.l[oa]
+*.[oa]
+*.obj
+*.patch
+*.so
+*.pcf.gz
+*.pdb
+*.tar.bz2
+*.tar.gz
+
#Add & Override patterns for libXi
#
#Edit the following section as needed
#
# For example, 'report.pc overrides *.pc. See 'man gitignore'
#
--- libxi-1.7.9.orig/ChangeLog
+++ libxi-1.7.9/ChangeLog
@@ -1,53 +1,3 @@
-commit b87c312590877800b4e18a17a012b47839f5c06b
-Author: Peter Hutterer <peter.hutterer@who-t.net>
-Date:   Mon Jan 23 13:44:58 2017 +1000
-
- libXi 1.7.9
-
- Signed-off-by: Peter Hutterer <peter.hutterer@who-t.net>
-
-commit 557b60798a9da49386f1034b133838332735de22
-Author: Emilio Pozuelo Monfort <pochu@debian.org>
-Date:   Tue Dec 27 17:24:10 2016 +0100
-
- Fix possible free of uninitialized pointer
-
- If the _XReply() call fails, we'll try to free an uninitialized
- pointer.
-
- https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=849026
-
- Reported-by: Thomas Walker <thwalker3@gmail.com>
- Signed-off-by: Emilio Pozuelo Monfort <pochu@debian.org>
- Reviewed-by: Julien Cristau <jcristau@debian.org>
- Tested-by: Thomas Walker <thwalker3@gmail.com>
- Signed-off-by: Julien Cristau <jcristau@debian.org>
- 
- commit 4c5c8d6246debc06a56120cff71bdfdf1877884d0
  - Author: Emilio Pozuelo Monfort <pochu@debian.org>
  - Date: Tue Oct 25 21:31:19 2016 +0200
  - 
  - Check that allocating a buffer succeeded
  - 
  - Since we are going to write into the buffer, we should make sure the allocation didn't fail.
  - 
  - Reported-by: Julien Cristau <jcristau@debian.org>
  - Signed-off-by: Emilio Pozuelo Monfort <pochu@debian.org>
  - Signed-off-by: Peter Hutterer <peter.hutterer@who-t.net>
- 
- commit 7ac03c6c1907a39b5b42b17ad331295b8c85154d
  - Author: Emilio Pozuelo Monfort <pochu@debian.org>
  - Date: Tue Oct 25 21:31:18 2016 +0200
  - 
  - Plug a memory leak
  - 
  - Introduced in commit 19a9cd6.
  - 
  - Reported-by: Julien Cristau <jcristau@debian.org>
  - Signed-off-by: Emilio Pozuelo Monfort <pochu@debian.org>
  - Signed-off-by: Peter Hutterer <peter.hutterer@who-t.net>
- 
commit 1bdeb431c3cc9eec7e12fdd29a83237f2f228865
  Author: Peter Hutterer <peter.hutterer@who-t.net>
  Date: Tue Oct 25 12:43:44 2016 +1000
  @@ -1088,7 +1038,7 @@
    Merge branch 'multitouch'

 Conflicts:
-    configure.ac
+    configure.ac

commit 82a631263ef4e6f46c1f33748089db8b603b095
  Author: Peter Hutterer <peter.hutterer@who-t.net>
  @@ -1293,7 +1243,7 @@
    Merge branch 'smooth-scrolling'

 Conflicts:
-    src/XExtInt.c
+    src/XExtInt.c

commit 3ed1b463205295a5ebba7d570a4cb8dfade51a38
Merge branch 'master' into xi2

Conflicts:
- man/XI.xml
+ man/XP.xml

commit 8ea9ebcedcb99480a5774c7755329a2ca8fda07b
Author: Benjamin Close <Benjamin.Close@clearchain.com>
@@ -3947,16 +3897,16 @@
src/XExtInt.c:xinput_extension_hooks field event_to_wire of type
XExtensionHooks that has the prototype Status (*event_to_wire)(
-    Display* /* display */,
-    XEvent* /* re */,
-    xEvent* /* event */
+    Display* /* display */,
+    XEvent* /* re */,
+    xEvent* /* event */
);

does not match Status
_XiEventToWire(
-    register Display     *dpy,          /* pointer to display structure */
-    register XEvent      *re,           /* pointer to client event */
-    register xEvent     **event,        /* wire protocol event */
-    register int         *count);
+    register Display     *dpy,          /* pointer to display structure */
+    register XEvent      *re,           /* pointer to client event */
+    register xEvent     **event,        /* wire protocol event */
+    register int         *count);

Signed-off-by: Peter Hutterer <peter@cs.unisa.edu.au>

@@ -3975,9 +3925,9 @@
Conflicts:
-  .gitignore
-  man/XGrabDeviceKey.man
-  man/XListInputDevices.man
+  .gitignore
+  man/XGrabDeviceKey.man
+  man/XListInputDevices.man

commit 7d0977bc02ce4f29c0ed335fcdece4ed7c328259
Author: Peter Hutterer <peter@cs.unisa.edu.au>
--- libxi-1.7.9.orig/autogen.sh
+++ libxi-1.7.9/autogen.sh
@@ -0,0 +1,14 @@
+#!/bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+
+autoreconf -v --install || exit 1
+cd $ORIGDIR || exit $?
+
+if test -z "$NOCONFIGURE"; then
+    $srcdir/configure "$@"
+fi
--- libxi-1.7.9.orig/debian/README.source
+++ libxi-1.7.9/debian/README.source
@@ -0,0 +1,49 @@
+------------------------------------------------------
+Quick Guide To Patching This Package For The Impatient
+------------------------------------------------------
+
+1. Make sure you have quilt installed
+2. Unpack the package as usual with "dpkg-source -x"
+3. Run the "patch" target in debian/rules
+4. Create a new patch with "quilt new" (see quilt(1))
+5. Edit all the files you want to include in the patch with "quilt edit"
+   (see quilt(1)).
+6. Write the patch with "quilt refresh" (see quilt(1))
+7. Run the "clean" target in debian/rules
+
+Alternatively, instead of using quilt directly, you can drop the patch in to
+debian/patches and add the name of the patch to debian/patches/series.
+
+Guide To The X Strike Force Packages
+-------------------------------------
+
+The X Strike Force team maintains X packages in git repositories on
+git.debian.org in the pkg-xorg subdirectory. Most upstream packages
+are actually maintained in git repositories as well, so they often
+just need to be pulled into git.debian.org in a "upstream-*" branch.
+Otherwise, the upstream sources are manually installed in the Debian
+git repository.
+
+The .orig.tar.gz upstream source file could be generated this
+"upstream-*" branch in the Debian git repository but it is actually

Open Source Used In CloudCenter Suite Admin 5.3.0 14526
Due to X.org being highly modular, packaging all X.org applications as their own independent packages would have created too many Debian packages. For this reason, some X.org applications have been grouped into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils, x11-utils, x11-xfs-utils, x11-xkb-utils, x11-xserver-utils.

Most packages, including the X.org server itself and all libraries and drivers are, however maintained independently.

The Debian packaging is added by creating the "debian-*" git branch which contains the aforementioned "upstream-*" branch plus the debian/repository files.

When a patch has to be applied to the Debian package, two solutions are involved:
* If the patch is available in one of the upstream branches, it may be git'cherry-picked into the Debian repository. In this case, it appears directly in the .diff.gz.
* Otherwise, the patch is added to debian/patches/ which is managed with quilt as documented in /usr/share/doc/quilt/README.source.

--- libxi-1.7.9.orig/debian/changelog
+++ libxi-1.7.9/debian/changelog
@@ -0,0 +1,500 @@
+libxi (2:1.7.9-1) unstable; urgency=medium
+
+  * New upstream release.
+
+  -- Emilio Pozuelo Monfort <pochu@debian.org>  Mon, 23 Jan 2017 21:22:47 +0100
+
+libxi (2:1.7.8-2) unstable; urgency=medium
+
+  * Cherry-pick upstream commit 557b6079, don't free an uninitialized buffer. Closes: #849026.
+
+  -- Emilio Pozuelo Monfort <pochu@debian.org>  Thu, 29 Dec 2016 11:22:29 +0100
+
+libxi (2:1.7.8-1) unstable; urgency=medium
+
+  [ Andreas Boll ]
+  * New upstream release.
+  * - Fixes CVE-2016-7945 and CVE-2016-7946 (Closes: #840440).
+  * - Update d/upstream/signing-key.asc with Matthieu Herrb's key.
+  * - Update a bunch of URLs in packaging to https.
+  * - Bump Standards-Version to 3.9.8, no changes needed.
+
+  -- Emilio Pozuelo Monfort
+  * Acknowledge 2:1.7.6-1.1 NMU.
+  * Cherry-pick upstream commit 7ac03c6c to plug a memory leak in the
+ security fix.
+ * Cherry-pick upstream commit 4c5c8d62, check a buffer was allocated
+ before writing to it.
+ * Bump debhelper compat to 10.
+  * debhelper now calls dh-autoreconf automatically.
+  * debhelper now enables --parallel by default.
+ * Switch to -dbgsym packages.
+ * debhelper passes --disable-silent-rules to configure for us.
+ * Drop explicit build target. dh $@ can handle it.
+ +-- Emilio Pozuelo Monfort <pochu@debian.org>  Tue, 06 Dec 2016 00:50:24 +0100
+ +libxi (2:1.7.6-1.1) unstable; urgency=medium
+ +
+  * Non-maintainer upload.
+  * Mark libxi-dev as Multi-Arch: same. Closes: #689068.
+  * Explicitly specify documentation's anchor ids instead of generating
+    non-reproducible ones during the build (Francois Gouget).
+  *
+  +-- Matthias Klose <doko@debian.org>  Thu, 03 Nov 2016 14:52:54 +0100
+  +libxi (2:1.7.6-1) unstable; urgency=medium
+  +
+  * New upstream release.
+  * Remove Drew and Cyril from Uploaders.
+  * Fix package descriptions: input hotplugging has been implemented years ago
+    (closes: #782987). Thanks, Paul Wise!
+  +-- Julien Cristau <jcristau@debian.org>  Sun, 24 Jan 2016 14:15:17 +0100
+  +libxi (2:1.7.5-1) unstable; urgency=medium
+  +
+  * [ Andreas Boll ]
+  * New upstream release.
+  * Switch to dh with the autoreconf and quilt addons.
+  * Fix lintian error: pre-depends-directly-on-multiarch-support libxi6.
+  * Let uscan verify tarball signatures.
+  * Fix Vcs-* fields.
+  * Remove obsolete XC- prefix from Package-Type field.
+  * Add upstream url.
+  * Bump standards version to 3.9.6.
+  *
+  * [ Julien Cristau ]
+  * Delete obsolete debian/xsfbs.
+  +-- Julien Cristau <jcristau@debian.org>  Tue, 13 Oct 2015 12:29:20 +0200
+  +libxi (2:1.7.4-1) unstable; urgency=low
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+ * New upstream release.
+ 
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Mon, 21 Jul 2014 09:57:26 +0200
+ 
+libxi (2:1.7.2-1) unstable; urgency=low
+ 
+ * New upstream release.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Mon, 12 Aug 2013 18:46:14 +0200
+ 
+libxi (2:1.7.1.901-1) unstable; urgency=low
+ 
+ * New upstream release candidate.
+ 
+  [ Timo Aaltonen ]
+  * control: Bump policy to 3.9.4, no changes.
+  * control: Bump x11proto-input-dev build-dep to 2.2.99.1.
+  * libxi6 symbols: Added new symbols.
+  * rules: Bump shlibs.
+  * control: Add libfixes-dev to build-deps and libxi-dev Depends.
+ 
+  [ Julien Cristau ]
+  * Use dpkg-buildflags.
+  * Disable silent build rules.
+  * Bump debhelper compat level to 7.
+  * Simplify installing manpages.
+  * Fix clean rule for config.h.in.
+  * Use dh_prep instead of dh_clean -k.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Sun, 30 Jun 2013 15:51:02 +0200
+ 
+libxi (2:1.6.1-1) unstable; urgency=low
+ 
+  [ Julien Cristau ]
+  * Don't require (fake)root for debian/rules clean.
+ 
+  [ Cyril Brulebois ]
+  * New upstream release.
+ 
+ -- Cyril Brulebois <kibi@debian.org>  Sun, 20 May 2012 17:00:03 +0200
+ 
+libxi (2:1.6.0-1) unstable; urgency=low
+ 
+  [ Chase Douglas ]
+  * New upstream release
+  * Fix bus error on MIPS N32 (closes: #636920)
+  * Bump build deps on x11proto-input-dev
+ * Bump lintian standards version to 3.9.3
+ * Pull some more changes from upstream master:
+ - Fix wrong button label and mask copy on OS X (fixes regression in the
  patch for bug#636920)
+ - Move version comparison into a helper function
+ - Set the RawEvent sourceid (#34240)
+ * Upload to unstable.
+ * Julien Cristau <jcristau@debian.org>  Mon, 16 Apr 2012 19:32:32 +0200
+ -- Julien Cristau <jcristau@debian.org>  Mon, 16 Apr 2012 19:32:32 +0200
+ +libxi (2:1.5.99.2-1) experimental; urgency=low
+ * New upstream release candidate:
+ - With XI 2.2 support, needed for multitouch.
+ * Fix changelog entry for 2:1.4.99.1-1:
+ - With XI 2.1 support, no multitouch yet.
+ * Bump x11proto-input-dev and libx11-dev build-deps.
+ * Update libxi6.symbols with new symbols and bump shlibs.
+ -- Cyril Brulebois <kibi@debian.org>  Thu, 22 Dec 2011 14:19:35 +0100
+ +libxi (2:1.5.0-1) experimental; urgency=low
+ * New upstream release.
+ -- Cyril Brulebois <kibi@debian.org>  Wed, 21 Dec 2011 10:12:07 +0100
+ +libxi (2:1.4.99.1-1) experimental; urgency=low
+ * New upstream release candidate:
+ - With XI 2.1 support.
+ * Update build dependencies accordingly:
+ - Bump xutils-dev, x11proto-input-dev, xorg-sgml-doctools.
+ - Add xsltproc.
+ * Update libxi-dev.install: specs/ and docs/ have been merged.
+ * Don't install *.db yet.
+ * Add -c4 to dh_makeshlibs.
+ -- Cyril Brulebois <kibi@debian.org>  Thu, 15 Dec 2011 15:05:46 +0100
+ +libxi (2:1.4.3-3) unstable; urgency=low
+ * Team upload.
+ * Don't ship debug symbols for the udeb in libxi6-dbg.
+ * Add build-{arch,indep} debian/rules targets.
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+ -- Julien Cristau <jcristau@debian.org>  Sun, 12 Jun 2011 00:20:23 +0200
+ +libxi (2:1.4.3-2) unstable; urgency=low
+ + * Team upload.
+ + [ Steve Langasek ]
+ + * Build for multiarch.
+ + [ Julien Cristau ]
+ + * Remove David Nusinow from Upheaders.
+ + -- Julien Cristau <jcristau@debian.org>  Sat, 11 Jun 2011 16:14:32 +0200
+ +libxi (2:1.4.3-1) unstable; urgency=low
+ + * New upstream release.
+ + * Add a comment to the series file so that it isn't eaten by
dpkg-source.
+ + * Bump Standards-Version (no changes).
+ + -- Cyril Brulebois <kibi@debian.org>  Thu, 09 Jun 2011 12:08:59 +0200
+ +libxi (2:1.4.2-1) unstable; urgency=low
+ + [ Julien Cristau ]
+ + * Bump Standards-Version to 3.9.1 (no changes).
+ + [ Cyril Brulebois ]
+ + * New upstream release.
+ + -- Cyril Brulebois <kibi@debian.org>  Sun, 27 Mar 2011 06:36:41 +0200
+ +libxi (2:1.4.1-1) unstable; urgency=low
+ + * New upstream release.
+ + * Use xorg-sgml-doctool's copy of xorg.css.
+ + * Upload to unstable.
+ + -- Julien Cristau <jcristau@debian.org>  Tue, 08 Feb 2011 00:04:32 +0100
+ +libxi (2:1.4.0-1) experimental; urgency=low
+ + * New upstream release.
+ + * Update debian/copyright from upstream COPYING.
+ + * Bump xutils-dev build-dep for new macros.
+ + * Pass --with-xmlio and --without-fop to configure.
+ + * Add xmlio, xorg-sgml-doctools, and w3m build-dep accordingly.
* Switch dh_install from --list-missing to --fail-missing for added safety.
* Get rid of *.xml files before running dh_install.
* Ship *.html, *.txt, *.css in libxi-dev.

+ -- Cyril Brulebois <kibi@debian.org> Fri, 14 Jan 2011 06:22:37 +0100
+ +libxi (2:1.3-6) unstable; urgency=medium
+ + * WireToEvent: Set display member of all events as well (cherry-pick from upstream).
+ + -- Julien Cristau <jcristau@debian.org> Fri, 17 Dec 2010 17:00:44 +0100
+ +libxi (2:1.3-5) unstable; urgency=low
+ + * Cherry-picked fixes from upstream:
+ + - man: fix types for XGetSelectedExtensionEvents
+ + - Initialize extension with the right number of events (obsoletes our quilt patch)
+ + - Don't unlock the Display twice
+ + - Fix usage of uninitialized value
+ + - Fix memory leak in XIGetSelectedEvents
+ + - Always unlock display correctly
+ + - man: improve readability of XAllowDeviceEvents
+ + - man: fix typo in XIQueryDevice doc (closes: #598964)
+ + - Fix typo when converting raw events from the wire
+ + - man: XIGetDeviceProperty(3) has no parameter 'pending'
+ + -- Julien Cristau <jcristau@debian.org> Thu, 18 Nov 2010 17:31:04 +0100
+ +libxi (2:1.3-4) unstable; urgency=low
+ + * Add udeb needed for the graphical installer: libxi6-udeb.
+ + * Version/Bump some B-D to make sure the udeb gets its dependencies on the (recently-added) udebs rather than on the libraries:
+ + - libxi11-dev
+ + - libxext-dev
+ + * Add myself to Uploaders.
+ + -- Cyril Brulebois <kibi@debian.org> Thu, 11 Mar 2010 22:49:49 +0100
+ +libxi (2:1.3-3) unstable; urgency=low
+ + [ Julien Cristau ]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no good reason. Thanks, Colin Watson!
+ * Remove myself from Uploaders
+ * Update patch from 2:1.3-2 to not crash if an app (like, say, anything using Qt3) calls libXi functions but the extension isn't available (closes: #568323). Thanks, Roman Mamedov!
+
+ [ Brice Goglin ]
+ * Remove Jamey Sharp and Josh Triplett from Uploader, closes: #568276.
+
+ [ Cyril Brulebois ]
+ * Bump Standards-Version from 3.8.3 to 3.8.4 (no changes needed).
+ * Upload to unstable.
+
+ -- Cyril Brulebois <kibi@debian.org>  Wed, 03 Mar 2010 22:14:43 +0100
+
+libxi (2:1.3-2) unstable; urgency=low
+
+ * Initialize extension with the right number of events. This should fix issues when libXi announces more events than the X server will actually send for that extension, and thus smashes Xlib's event vector (closes: #515734, #515946). Patch by Peter Hutterer, analysis by Nathan Kidd.
+ * Upload to unstable.
+
+ -- Julien Cristau <jcristau@debian.org>  Wed, 06 Jan 2010 16:23:44 +0000
+
+libxi (2:1.3-1) experimental; urgency=low
+
+ * Bump Standards-Version to 3.8.3.
+ * Add build-deps on xmlto and asciidoc to build the manpages.
+ * New upstream release.
+
+ -- Julien Cristau <jcristau@debian.org>  Sat, 21 Nov 2009 18:39:28 +0100
+
+libxi (2:1.2.99.4-1) experimental; urgency=low
+
+ [ Timo Aaltonen ]
+
+ [ Julien Cristau ]
+ * Move libxi6-dbgsym to section 'debug'.
+ * Drop libxi-dev pre-dependency on x11-common, only needed for upgrades from sarge.
+ * New upstream release candidate.
+ * XInput.h moved here from x11proto-input-dev; add Replaces.
+ * Also remove config.h.in in clean.
+ * Bump shlibs and update symbols.
+
+ -- Julien Cristau <jcristau@debian.org>  Tue, 29 Sep 2009 14:24:21 +0200
+
+libxi (2:1.2.1-2) unstable; urgency=low
* Fix typo in debian/rules, which made us build with make -j if
  DEB_BUILD_OPTIONS didn't ask for it. Thanks to Samuel Thibault for
  reporting the problem!
+ -- Julien Cristau <jcristau@debian.org>  Mon, 16 Mar 2009 15:27:45 +0100
+ +libxi (2:1.2.1-1) unstable; urgency=low
+ +  * New upstream release.
+ + -- Julien Cristau <jcristau@debian.org>  Thu, 12 Mar 2009 16:00:29 +0100
+ +libxi (2:1.2.0-2) unstable; urgency=low
+ +  * Add symbols file.
+ +  * Upload to unstable.
+ + -- Julien Cristau <jcristau@debian.org>  Mon, 16 Feb 2009 19:53:01 +0100
+ +libxi (2:1.2.0-1) experimental; urgency=low
+ + [ Timo Aaltonen ]
+ +  * New upstream release.
+ +  * debian/control:
+ +  - Bump x11proto-input-dev build-dep to 1.5.
+ +  * debian/rules:
+ +  - Bump the shlibs for libxi6.
+ +[ Julien Cristau ]
+ +  * Drop -1 debian revisions from build-deps.
+ +  * Bump Standards-Version to 3.7.3.
+ +  * Drop the XS- prefix from Vcs-* control fields.
+ +  * libxi6[,-dbg] don't need to depend on x11-common.
+ +  * Wrap build-deps in debian/control.
+ +  * Build-depend on automake and libtool, run autoreconf on build, and allow
+ +  parallel builds.
+ +  * Bump libxi-dev's dependency on x11proto-input-dev to 1.5 as well.
+ + [ Brice Goglin ]
+ +  * Add a link to www.X.org in the long description.
+ + -- Julien Cristau <jcristau@debian.org>  Fri, 19 Dec 2008 15:55:22 +0100
+ +libxi (2:1.1.4-1) unstable; urgency=low
+ +  * New upstream release.
+ -- Julien Cristau <jcristau@debian.org>  Mon, 17 Nov 2008 03:16:48 +0100
+ 
+libxi (2:1.1.3-1) unstable; urgency=low
+  * Add upstream URL to debian/copyright.
+  * New upstream release.
+  
+ -- Julien Cristau <jcristau@debian.org>  Thu, 06 Sep 2007 01:45:30 +0200
+ 
+libxi (2:1.1.2-1) unstable; urgency=low
+  * New upstream release
+  * fixes locking bugs (closes: #429147).
+  * Add myself to Uploader and remove Branden and Fabio with their
+    permission.
+  * Use ${binary:Version} instead of ${Source-Version}.
+  * Add a XS-Vcs-Browser header.
+ 
+ -- Julien Cristau <jcristau@debian.org>  Wed, 01 Aug 2007 05:07:05 +0200
+ 
+libxi (2:1.1.1-1) unstable; urgency=low
+  * New upstream release.
+  
+ -- Julien Cristau <jcristau@debian.org>  Fri, 06 Jul 2007 03:52:46 +0200
+ 
+libxi (2:1.1.0-2) experimental; urgency=low
+  * Pull fixes from upstream git.
+  * remove patch 00_upstream_002_XiCheckExtInit_unlockdisplay.diff applied
+    upstream.
+  * Bump epoch to 2 so ubuntu can sync this package.
+  
+ -- Julien Cristau <jcristau@debian.org>  Mon,  5 Mar 2007 17:24:20 +0100
+ 
+libxi (1:1.1.0-1) experimental; urgency=low
+  * Adjust Section values to what the override says.
+  * Update location of upstream repository from CVS to git in the long
+    descriptions.
+  * New upstream release.
+  * Drop patches applied upstream
+  * Bump build-dependency on x11proto-input-dev to >= 1.4.
+  * Install the upstream changelog.
+  * Add XS-Vcs-Git header in debian/control.
+  
+ -- Julien Cristau <jcristau@debian.org>  Fri,  9 Feb 2007 12:34:51 +0100
+ 

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+libxi (1:1.0.1-4) unstable; urgency=low
  + * Add Josh and myself to Uploaders.
  + -- Jamey Sharp <sharpone@debian.org>  Mon, 27 Nov 2006 15:07:34 -0800

+libxi (1:1.0.1-3) unstable; urgency=low
  + * libXi: Various Display locking correctness issues (Closes: #400442)
  + -- Jamey Sharp <sharpone@debian.org>  Mon, 27 Nov 2006 15:07:34 -0800

+libxi (1:1.0.1-2) experimental; urgency=low
  + * Patch 10_manpage_section.diff sets the man page section according
    to the definition given by xutils macros. Set Build-Depends:
    + xutils-dev to prove the point. Install man pages using
    + dh_installman. Closes: #377204.
  + -- Drew Parsons <dparsons@debian.org>  Fri, 11 Aug 2006 15:03:27 +1000

+libxi (1:1.0.1-1) experimental; urgency=low
  + * New upstream version (X11R7.1).
  + - applies patch 01_manpage_location.diff.
  + * libxi provides no header files, so don't try to install usr/include/X11/*
  + * exclude .la from dh_install.
  + -- Drew Parsons <dparsons@debian.org>  Thu, 10 Aug 2006 03:00:53 +1000

+libxi (1:1.0.0-6) UNRELEASED; urgency=low
  + * Test for obj-$ (DEB_BUILD_GNU_TYPE) before creating it during build;
    idempotency fix.
  + * Run dh_install w/ --list-missing.
  + * Drop duplicate x11-common dep in -dev package.
  + * Bump standards version to 3.7.2.0.
  + * Version x11-common pre-dep in -dev package to 1:7.0.0 to match
    the rest of Debian.
  + * Bump debhelper compat to 5.
  + * Fix dh_strip call to skip the -dbg package.
  + -- Andres Salomon <dilinger@debian.org>  Mon, 17 Jul 2006 01:21:03 -0400

+libxi (1:1.0.0-5) unstable; urgency=low
  +
+ * Reorder makeshlib command in rules file so that ldconfig is run
  * Add quilt to build-depends
+ -- David Nusinow <dnusinow@debian.org> Wed, 19 Apr 2006 00:36:48 -0400
+ +libxi (1:1.0.0-4) unstable; urgency=low
+ + * Remove references to xss in -dev and -dbg package descriptions. Thanks
  * Josh Triplett. (closes: #362059)
+ -- David Nusinow <dnusinow@debian.org> Tue, 11 Apr 2006 20:26:26 -0400
+ +libxi (1:1.0.0-3) unstable; urgency=low
+ + * Upload to unstable
+ -- David Nusinow <dnusinow@debian.org> Thu, 23 Mar 2006 22:44:42 -0500
+ +libxi (1:1.0.0-2) experimental; urgency=low
+ + * Backport manpage location fix
+ -- David Nusinow <dnusinow@debian.org> Thu, 9 Mar 2006 23:22:36 -0500
+ +libxi (1:1.0.0-1) experimental; urgency=low
+ + * First modular upload to Debian
  * Install manpages in libxi-dev. Thanks Julien Cristau.
+ -- David Nusinow <dnusinow@debian.org> Thu, 29 Dec 2005 20:53:15 -0500
+ +libxi (1:1.3.0-2) breezy; urgency=low
+ + * Bump libx11-dev and libxext-dev Build-Deps to avoid _XOPEN_SOURCE.
+ -- Daniel Stone <daniel.stone@ubuntu.com> Sat, 23 Jul 2005 00:28:53 +1000
+ +libxi (1:1.3.0-1) breezy; urgency=low
+ + * First libxi release.
+ -- Daniel Stone <daniel.stone@ubuntu.com> Mon, 16 May 2005 22:10:17 +1000
+++ libxi-1.7.9/debian/control
@@ -0,0 +1,85 @@
+Source: libxi
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
+  * debhelper (&gt;= 10),
+  * quilt,
+  * x11proto-core-dev (&gt;= 7.0.13),
+  * x11proto-xext-dev (&gt;= 7.0.3),
+  * x11proto-input-dev (&gt;= 2.2.99.1),
+  * libx11-dev (&gt;= 2:1.4.99.1),
+  * libxext-dev (&gt;= 2:1.1.1-3),
+  * libxfixes-dev (&gt;= 5),
+  * xmlto,
+  * asciidoc (&gt;= 8.4.5),
+  * pkg-config,
+  * quilt,
+  * xutils-dev (&gt;= 1:7.6+2),
+# specs
+  * xmlto,
+  * xorg-sgml-doctools (&gt;= 1:1.8),
+  * xsltproc,
+  * w3m,
+Standards-Version: 3.9.8
+Vcs-Git: https://anonscm.debian.org/git/pkg-xorg/lib/libxi.git
+Vcs-Browser: https://anonscm.debian.org/cgit/pkg-xorg/lib/libxi.git
+Homepage: https://www.x.org/
+
+Package: libxi6
+Section: libs
+Architecture: any
+Depends: ${shlibs:Depends}, ${misc:Depends}
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: X11 Input extension library
+  * libXi provides an X Window System client interface to the XINPUT
+  * extension to the X protocol.
+  .
+  * The Input extension allows setup and configuration of multiple input devices,
+  * and hotplugging of input devices (to be added and removed on the fly).
+  .
+  * More information about X.Org can be found at:
+  * &lt;URL:https://www.X.org&gt;
+  .
+  * This module can be found at
+  * git://anongit.freedesktop.org/git/xorg/lib/libXi

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+Package: libxi6-udeb
+Package-Type: udeb
+Section: debian-installer
+Architecture: any
+Depends: ${shlibs:Depends}, ${misc:Depends}
+Description: X11 Input extension library
+ This is a udeb, or a microdeb, for the debian-installer.
+
+Package: libxi-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+ libxi6 (= ${binary:Version}),
+ libx11-dev,
+ libxext-dev,
+ libxfixes-dev,
+ x11proto-input-dev (>= 2.1.99.6),
+ xorg-sgml-doctools (>= 1:1.5),
+Replaces:
+ x11proto-input-dev (<< 1.9.99)
+Description: X11 Input extension library (development headers)
+ libXi provides an X Window System client interface to the XINPUT
+ extension to the X protocol.
+.
+ The Input extension allows setup and configuration of multiple input devices,
+ and hotplugging of input devices (to be added and removed on the fly).
+.
+ This package contains the development headers for the library found in
+ libxi6. Non-developers likely have little use for this package.
+.
+ More information about X.Org can be found at:
+ <URL:https://www.X.org>
+.
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXi
--- libxi-1.7.9.orig/debian/copyright
+++ libxi-1.7.9/debian/copyright
@@ -0,0 +1,87 @@
+This package was downloaded from
+https://xorg.freedesktop.org/releases/individual/lib/
+
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+LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
+FROm, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
+DEALINGS IN THE SOFTWARE.
--- libxi-1.7.9.orig/debian/libxi-dev.install
+++ libxi-1.7.9/debian/libxi-dev.install
@@ -0,0 +1,7 @@
/usr/lib/*/libXi.a
/usr/lib/*/libXi.so
/usr/lib/*/pkgconfig/xi.pc
/usr/include/X11/extensions/
/usr/share/doc/libXi/*.html/usr/share/doc/libxi-dev
/usr/share/doc/libXi/*.txt/usr/share/doc/libxi-dev
/usr/share/man/man3
--- libxi-1.7.9.orig/debian/libxi6-udeb.install
+++ libxi-1.7.9/debian/libxi6-udeb.install
@@ -0,0 +1 @@
/usr/lib/*/libXi.so.6*usr/lib
--- libxi-1.7.9.orig/debian/libxi6.install
+++ libxi-1.7.9/debian/libxi6-udeb.install
@@ -0,0 +1 @@
/usr/lib/*/*libXi.a
/usr/lib/*/*libXi.so
/usr/lib/*/*pkgconfig/xi.pc
/usr/include/X11/extensions/
/usr/share/doc/libXi/*.html/usr/share/doc/libxi-dev
/usr/share/doc/libXi/*.txt/usr/share/doc/libxi-dev
/usr/share/man/man3
--- libxi-1.7.9.orig/debian/libxi6-udeb.install
+++ libxi-1.7.9/debian/libxi6-udeb.install
@@ -0,0 +1 @@
/usr/lib/*/*libXi.so.6*usr/lib
+++ libxi-1.7.9/debian/libxi6.install
@@ -0,0 +1 @@
+usr/lib/*/libXi.so.6*
--- libxi-1.7.9.orig/debian/libxi6.symbols
+++ libxi-1.7.9/debian/libxi6.symbols
@@ -0,0 +1,85 @@
+libXi.so.6 libxi6 #MINVER#
+XAllowDeviceEvents@Base 0
+XChangeDeviceControl@Base 0
+XChangeDeviceDontPropagateList@Base 0
+XChangeDeviceKeyMapping@Base 0
+XChangeDeviceProperty@Base 2:1.2.0
+XChangeFeedbackControl@Base 0
+XChangeKeyboardDevice@Base 0
+XChangePointerDevice@Base 0
+XCloseDevice@Base 0
+XDeleteDeviceProperty@Base 2:1.2.0
+XDeviceBell@Base 0
+XFreeDeviceControl@Base 0
+XFreeDeviceList@Base 0
+XFreeDeviceMotionEvents@Base 0
+XFreeDeviceState@Base 0
+XFreeFeedbackList@Base 0
+XGetDeviceButtonMapping@Base 0
+XGetDeviceControl@Base 0
+XGetDeviceDontPropagateList@Base 0
+XGetDeviceFocus@Base 0
+XGetDeviceKeyMapping@Base 0
+XGetDeviceModifierMapping@Base 0
+XGetDeviceMotionEvents@Base 0
+XGetDeviceProperty@Base 2:1.2.0
+XGetExtensionVersion@Base 0
+XGetFeedbackControl@Base 0
+XGetSelectedExtensionEvents@Base 0
+XGrabDevice@Base 0
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+XIAllowTouchEvents@Base 2:1.5.99.2
+XIBarrierReleasePointer@Base 2:1.6.99.1
+XIBarrierReleasePointers@Base 2:1.6.99.1
+XChangeHierarchy@Base 2:1.2.99.4
+XChangeProperty@Base 2:1.2.99.4
+XIDefineCursor@Base 2:1.2.99.4
+XIDeleteProperty@Base 2:1.2.99.4
+XIFreeDeviceInfo@Base 2:1.2.99.4
+XIGetClientPointer@Base 2:1.2.99.4
+XIGetFocus@Base 2:1.2.99.4
+XIGetProperty@Base 2:1.2.99.4
+XIGetSelectedEvents@Base 2:1.2.99.4
Add explicit ids to the documentation chapters and sections so they are
identical no matter which architecture (or day or asciidoc version) the
packages are built on. This is necessary for multi-arch compatibility.

Author: Francois Gouget <fgouget@codeweavers.com>

diff --libXi-1.7.4.orig/specs/inputlib.xml libXi-1.7.4/specs/inputlib.xml
++libXi-1.7.4/specs/inputlib.xml2011-12-20 01:28:44.000000000 +0100
+++libXi-1.7.4/specs/inputlib.xml2015-02-10 16:22:13.817236191 +0100
@@ -26,7 +26,7 @@
      <holder>Ardent Computer</holder>
 +</copyright>
 +
+<legalnotice id="Legal_Notice">
 <para>
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 fee is hereby granted, provided that the above copyright notice and this permission notice appear
@@ -36,7 +36,7 @@
 </para>
 </legalnotice>

<legalnotice id="Multi_Licensing">
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diff --libXi-1.7.4.orig/specs/library.xml libXi-1.7.4/specs/library.xml
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+++libXi-1.7.4/specs/library.xml2015-02-10 16:17:31.518591542 +0100
@@ -1,4 +1,4 @@
+<chapter id='Input_Extension'><title>Input Extension</title>
 <sect1 id='Overview'>
 +<sect1 id='Overview'>
 +
+<comment>
+!-- XS -->
--- libxi-1.7.9.orig/debian/patches/series
+++ libxi-1.7.9/debian/patches/series
@@ -0,0 +1 @@
+0001-Documentation-Ids.patch
--- libxi-1.7.9.orig/debian/rules
+++ libxi-1.7.9/debian/rules
@@ -0,0 +1,29 @@
#!/usr/bin/make -f
# debian/rules for the Debian libxi package.
# Copyright 2004 Scott James Remnant <scott@netsplit.com>
# Copyright 2005 Daniel Stone <daniel@fooishbar.org>
# Copyright 2005 David Nusinow <dnusinow@debian.org>
+
# Uncomment this to turn on verbose mode.
#export DH_VERBOSE=1
+
# set this to the name of the main shlib's binary package
+PACKAGE = libxi6
+
+%
+dh $@ --with quilt --builddirectory=build/
+
+override_dh_auto_configure:
+dh_auto_configure --
+-with-xmlio 
+-without-top
+
+override_dh_install:
+dh_install --fail-missing --exclude=libXi.la --exclude .db --exclude .xml
+
+override_dh_strip:
+dh_strip -p$(PACKAGE) --dbgsym-migration="$($(PACKAGE)-dbg (<< 2:1.7.8-1~))"
+dh_strip -NS$(PACKAGE)
+
+override_dh_makeshlibs:
+dh_makeshlibs -V'libxi6 (>= 2:1.6.99.1)' --add-udeb=$(PACKAGE)-udeb -- -c4
--- libxi-1.7.9.orig/debian/upstream/signing-key.asc
+++ libxi-1.7.9/debian/upstream/signing-key.asc
@@ -0,0 +1,87 @@
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@c ispell-local-pdict: "ispell-dict"
@c End:

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"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the
extent that warranties are provided), that licensees may convey the
work under this License, and how to view a copy of this License. If
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work
for making modifications to it. "Object code" means any non-source
form of a work.

A "Standard Interface" means an interface that either is an official
standard defined by a recognized standards body, or, in the case of
interfaces specified for a particular programming language, one that
is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
subprograms and other parts of the work.

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Version 3, 29 June 2007

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include/libssh/session.h  
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include/libssh/socket.h  
include/libssh/string.h  
include/libssh/threads.h  
include/libssh/wrapper.h  
src/auth1.c  
src/base64.c  
src/bignum.c  
src/bind.c  
src/buffer.c  
src/client.c  
src/connect.c  
src/crc32.c
src/ecdh.c
src/error.c
src/gcrypt_missing.c
src/init.c
src/kex.c
src/kex1.c
src/legacy.c
src/libcrypto.c
src/libgcrypt.c
src/log.c
src/messages.c
src/packet.c
src/packet1.c
src/packet_cb.c
src/packet_crypt.c
src/pcap.c
src/pki_container_openssh.c
src/pki_ed25519.c
src/server.c
src/session.c
src/sftpserver.c
src/socket.c
src/string.c
src/threads.c
src/threads/pthread.c
src/wrapper.c
tests/benchmarks/bench_raw.c
tests/benchmarks/bench_scp.c
tests/benchmarks/bench_sftp.c
tests/benchmarks/benchmarks.c
tests/benchmarks/benchmarks.h
tests/benchmarks/latency.c
tests/client/torture_algorithms.c
tests/client/torture_auth.c
tests/client/torture_connect.c
tests/client/torture_knownhosts.c
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Files: examples/exec.c
        examples/senddata.c
        examples/CMakeLists.txt
        include/libssh/ssh1.h
        include/libssh/ssh2.h
        tests/authentication.c
tests/benchmarks/bench1.sh
tests/benchmarks/bench2.sh
tests/chmodtest.c
tests/client/torture_proxycommand.c
tests/client/torture_sftp_dir.c
tests/client/torture_sftp_read.c
tests/cmdline.c
tests/connection.c
tests/generate.py
tests/sftp_stress/main.c
tests/test_exec.c
tests/test_ssh_bind_accept_fd.c
tests/test_tunnel.c
tests/tests.h
tests/unittests/torture_buffer.c
tests/unittests/torture_callbacks.c
tests/unittests/torture_channel.c
tests/unittests/torture_init.c
tests/unittests/torture_isipaddr.c
tests/unittests/torture_keyfiles.c
tests/unittests/torture_list.c
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eamples/libsshpp.cpp
eamples/libsshpp_noexcept.cpp
eamples/proxy.c
eamples/sample.c
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    tests/pkd/pkd_daemon.h
    tests/pkd/pkd_hello.c
    tests/pkd/pkd_keyutil.c
    tests/pkd/pkd_keyutil.h
    tests/pkd/pkd_util.c
    tests/pkd/pkd_util.h
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Files: src/channels.c
    src/channels1.c
    src/gzip.c
    src/known_hosts.c
    src/misc.c
    src/options.c
    src/pki.c
    src/pki_crypto.c
    src/pki_gcrypt.c
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    include/libssh/options.h
    src/agent.c
    src/callbacks.c
    src/config.c
    tests/client/torture_forward.c
    tests/client/torture_request_env.c
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    cmake/Modules/CheckCCompilerFlagSSP.cmake
    cmake/Modules/FindArgp.cmake
    cmake/Modules/FindCMocka.cmake
    cmake/Modules/FindGCrypt.cmake
    cmake/Modules/FindGSSAPI.cmake
    cmake/Modules/FindNaCl.cmake
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1.894 perl-modules 5.28.1 6+deb10u1
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1.895 passwd 0.79 6.el7
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**1.905 libmpx2 8.3.0 6**

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Julian Seward, jseward@bzip.org
bzzip2/libbzzip2 version 1.0.6 of 6 September 2010

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iconv (Charset Conversion Library) v2.0

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@smallexample
@var{one line to give the program's name and a brief idea of what it does.}
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@end smallexample

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@end smallexample

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Version 2.1, February 1999

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to
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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble
========

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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Windows support

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@end example

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Boardman, Spider
Bos, Sander
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Pietie
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
Cheloha, Scott
Ek, Vtzslav
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Fry Singer, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, Yoshifuji
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Jover, Guillem
Juhani, Timo
Kikuchi, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
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Klyachkin, Andrey
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Knox, Tim
Richards, Matt
Rossum, Guido van
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Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
Sato, Yuichi
Sanchez, Wilfredo
Sanders, Miguel
Sasaki, Kan
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Spradling, Michael
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
Todd, Giles
Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
The following people have worked to translate sudo into other languages as part of the Translation Project, see https://translationproject.org for more details.

Albuquerque, Pedro
Blittermann, Mario
Bogusz, Jakub
Buo-ren, Lin
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Fontenelle, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frédric
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gbor
Keecci, Mehmet
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krznar, Tomislav
Marchal, Frédéric
Margevičius, Algimantas
Maryanov, Pavel
Florentina Muat
Nurmi, Lauri
Nikoli, Miroslav
Nylander, Daniel
Pan, Yi-Jyun
Psa, Petr
Puente, Enol
Putanec, Boidar
The following people designed the artwork used on the sudo website:

- Shield logo: Badger, Trent
- Sandwich logo: Stillman, Mark

1.927 man-pages 4.16 2

1.927.1 Available under license:

#!/usr/bin/python3
#
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#
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import re
import sys
import textwrap
from pathlib import Path

# The standard short names in Debian are defined here:
# https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/

license_information = [
    {
      'shortname': 'BSD-3-clause',
      'filename': 'BSD-3-clause-UCB',
      'upstream_names': ['BSD_3_CLAUSE_UCB'],
    },
    {
      'shortname': 'BSD-4-clause',
      'filename': 'BSD-4-clause-UCB',
      'upstream_names': ['BSD_4_CLAUSE_UCB', 'BSD_ONELINE_CDROM'],
    },
    {
      'shortname': 'Expat',
      'filename': 'Expat',
      'upstream_names': ['PERMISSIVE_MISC', 'MIT'],
    },
    {
      # This shortname is not defined by the standard.
      'shortname': 'freely-redistributable',
      'filename': 'freely-redistributable',
      'upstream_names': ['FREELY_REDISTRIBUTABLE'],
    },
    {
      'shortname': 'GPL-2',
      'filename': 'GPL-2',
      'upstream_names': ['GPLv2_MISC', 'GPLv2_ONELINE'],
    },
    {
      'shortname': 'GPL-2+',
      'filename': 'GPL-2+',
      'upstream_names': ['GPLv2+_MISC', 'GPLv2+_DOC_FULL', 'GPLv2+_DOC_MISC', 'GPLv2+_DOC_ONEPARE', 'GPLv2+_SW_3_PARA', 'GPLv2+_SW.ONEPARE'],
    },
    {
      # This shortname is not defined by the standard.
      'shortname': 'henry-spencer-regex',
      'filename': 'henry-spencer-regex',
      'upstream_names': ['MISC'],
    },
    {
      # This shortname is not defined by the standard.
      'shortname': 'LDPv1',
      'filename': 'LDPv1',
      'upstream_names': ['LDPv1'],
    }
]
licenses_with_manpages = {}
symlinks = {}

def get_license_shortname(name):
    """Gets the Debian shortname for the name supplied by upstream.
    Includes a check that upstream's names are only assigned
to one shortname.
    """
    shortname = ""
    already_found = False
    for info in license_information:
        if name in info['upstream_names']:
            if not already_found:
                shortname = info['shortname']
                already_found = True
            else:
                sys.exit("Fatal error: Upstream license name defined multiple times: " + name)
    return shortname

def add_manpage_to_shortname(manpage, copyright_holders, licenses):
    # Ensure a string for the filename
    filename = str(manpage)
    # Strip the leading "./"
    filename = filename[3:len(filename)]
    # Common case: only one license for the manpage, so
    # the shortname is just e.g. "GPL-2+
    shortname = " and ",join(sorted(licenses))
    if shortname not in licenses_with_manpages:
        licenses_with_manpages[shortname] = {'files': [filename], 'copyright': copyright_holders}
    else:
        licenses_with_manpages[shortname]['files'].append(filename)
    # Do not add same lines twice
existing_copyright_holders = licenses_with_manpages[shortname]["copyright"]
joined_copyright_holders = list(set(existing_copyright_holders + copyright_holders))
licenses_with_manpages[shortname]["copyright"] = joined_copyright_holders

def get_copyright_stanza(shortname, file_info):
    stanza = ""
    # Collect files and symlinks into a common list
    all_files = file_info["files"]
    for file in file_info["files"]::
        if file in symlinks:
            all_files = all_files + symlinks[file]
    # Join the files into a whitespace separated list,
    # at most 76 characters long
    files = " ".join(sorted(all_files))
    # The wrap is 69 + 7 (length of "Files: ") = 76
    files = textwrap.wrap(files, width=69, break_long_words=False, break_on_hyphens=False)
    files = "
           ".join(files)
    # Now format the copyright holders
    copyright = "
           ".join(sorted(file_info["copyright"]))
    # An empty field is an error, so ensure a value
    if len(copyright) == 0:
        copyright = "(could not be detected automatically)"
    # Finally, create the stanza
    stanza += "Files: " + files
    stanza += "Copyright: " + copyright
    stanza += "License: " + shortname + "\n"
    return stanza

def get_license_text(shortname):
    """Gets the text for the Debian license shortname."""
    text = ""
    for info in license_information:
        if info["shortname"] == shortname:
            text += "License: " + shortname + "\n"
    with open("licenses/" + info["filename"]) as licensefile:
        for line in licensefile:
            text += " " + line
    return text

p = Path("..")
for manpage in p.glob("man?/*/"):
    with manpage.open() as file:
        licenses = []
        copyright_holders = []
        manpage_is_symlink = False
        for line in file:
            # Do not create copyright stanzas for symlink files
            # but add them to a symlink list

---

Open Source Used In CloudCenter Suite Admin 5.3.0 15280
symlink = re.search(r"^\.so\s(.*)", line)
if symlink:
    manpage_is_symlink = True
# Ensure a string for the filename
linkname = str(manpage)
# Strip the leading "./"
linkname = linkname[3:len(linkname)]
filename = symlink.group(1)
if filename in symlinks:
symlinks[filename].append(linkname)
else:
symlinks[filename] = [linkname]
break
# Only parse the header, so stop after seeing ".TH"
if re.search(r"^\.TH", line):
    break
# Extract all copyright holders
copyright = re.search(r"^\.\".*?Copyright (.*)", line)
if copyright:
copyright_holders.append(copyright.group(1))
# Match the beginning of the license
license_start = re.search(r"^\.\" %%%LICENSE_START\((.*)\)\"", line)
if license_start:
    license_name = license_start.group(1)
    license_short_name = get_license_shortname(license_name)
    if not license_short_name:
sys.exit("Fatal error: Upstream license name not known: " + license_name)
    licenses.append(license_short_name)
    if not manpage_is_symlink:
        add_manpage_to_shortname(manpage, copyright_holders, licenses)
# Flatten the symlinks by detecting and removing
# a symlink which points to another symlink.
for link_to_test in symlinks:
    # Now cycle through all symlink entries
    for link in symlinks:
        if link_to_test in symlinks[link]:
symlinks[link] = symlinks[link] + symlinks[link_to_test]
# Make sorting of licenses deterministic
stanzas = ""
license_texts = []
for shortname in sorted(licenses_with_manpages):
stanzas += get_copyright_stanza(shortname, licenses_with_manpages[shortname])
text = get_license_text(shortname)
if text:
    license_texts.append(text)
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Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: man-pages
Upstream-Contact: Michael Kerrisk <mtk.manpages@gmail.com>, linux-man@vger.kernel.org
Source: https://www.kernel.org/pub/linux/docs/man-pages/

Files: Changes Changes.old Makefile README *Announce *lsm
      proj.man-pages.desc proj.man-pages.pages
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Files: debian/*
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Files: man3/CIRCLEQ_ENTRY.3 man3/CIRCLEQ_HEAD.3 man3/CIRCLEQ_INIT.3
      man3/CIRCLEQ_INSERT_AFTER.3 man3/CIRCLEQ_INSERT_BEFORE.3
      man3/CIRCLEQ_INSERT_HEAD.3 man3/CIRCLEQ_INSERT_TAIL.3
      man3/CIRCLEQ_REMOVE.3 man3/LIST_EMPTY.3 man3/LIST_ENTRY.3
      man3/LIST_FIRST.3 man3/LIST_FOREACH.3 man3/LIST_HEAD.3
      man3/LIST_HEAD_INITIALIZER.3 man3/LIST_INIT.3
man3/LIST_INSERT_AFTER.3 man3/LIST_INSERT_BEFORE.3
man3/LIST_INSERT_HEAD.3 man3/LIST_NEXT.3 man3/LIST_REMOVE.3
man3/SLIST_EMPTY.3 man3/SLIST_ENTRY.3 man3/SLIST_FIRST.3
man3/SLIST_FOREACH.3 man3/SLIST_HEAD.3 man3/SLIST_HEAD_INITIALIZER.3
man3/SLIST_INIT.3 man3/SLIST_INSERT_AFTER.3 man3/SLIST_INSERT_HEAD.3
man3/SLIST_NEXT.3 man3/SLIST_REMOVE.3 man3/SLIST_REMOVE_HEAD.3
man3/STAILQ_CONCAT.3 man3/STAILQ_EMPTY.3 man3/STAILQ_ENTRY.3
man3/STAILQ_HEAD_INITIALIZER.3 man3/STAILQ_INIT.3
man3/STAILQ_INSERT_AFTER.3 man3/STAILQ_INSERT_HEAD.3
man3/STAILQ_INSERT_TAIL.3 man3/STAILQ_NEXT.3 man3/STAILQ_REMOVE.3
man3/STAILQ_REMOVE_HEAD.3 man3/STAILQ_CONCAT.3 man3/STAILQ_EMPTY.3
man3/TAILQ_ENTRY.3 man3/TAILQ_FIRST.3 man3/TAILQ_FOREACH.3
man3/TAILQ_FOREACH_REVERSE.3 man3/TAILQ_HEAD.3
man3/TAILQ_HEAD_INITIALIZER.3 man3/TAILQ_INIT.3
man3/TAILQ_INSERT_AFTER.3 man3/TAILQ_INSERT_BEFORE.3
man3/TAILQ_INSERT_HEAD.3 man3/TAILQ_INSERT_TAIL.3 man3/TAILQ_LAST.3
man3/TAILQ_NEXT.3 man3/TAILQ_PREV.3 man3/TAILQ_REMOVE.3
man3/TAILQ_SWAP.3 man3/forkpty.3 man3/getloadavg.3 man3/login_tty.3
man3/openpty.3 man3/queue.3 man7/operator.7 man7/symlink.7

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Files: man2/accept.2 man2/accept4.2 man2/ftruncate.2 man2/ftruncate64.2
man2/getpeername.2 man2/getpgid.2 man2/getpgrp.2 man2/getpriority.2
man2/getsockname.2 man2/getsockopt.2 man2/ioctl.2 man2/killog.2
man2/listen.2 man2/iseek.2 man2/readlink.2 man2/readlinkat.2
man2/recv.2 man2/recvfrom.2 man2/reccmsg.2 man2/send.2 man2/sendmsg.2
man2/sendto.2 man2/setpgid.2 man2/setpgrp.2 man2/setpriority.2
man2/setregid.2 man2/setregid32.2 man2/setreuid.2 man2/setreuid32.2
man2/setsockopt.2 man2/shutdown.2 man2/socket.2 man2/socketpair.2
man2/syscall.2 man2/truncate.2 man2/truncate64.2 man3/alloca.3
man3/auth_destroy.3 man3/authnone_create.3 man3/authunix_create.3
man3/authunix_create_default.3 man3/btree.3 man3/callrpc.3
man3/clearerr.3 man3/clnt_broadcast.3 man3/clnt_call.3
man3/clnt_control.3 man3/clnt_create.3 man3/clnt_destroy.3
man3/clnt_freeerror.3 man3/clnt_geterror.3 man3/clnt_pcreateerror.3
man3/clnt_perror.3 man3/clnt_perror.3 man3/clnt_spcreateerror.3
man3/clnt_sperrno.3 man3/clnt_sperror.3 man3/clntaw_create.3
man3/clnttcp_create.3 man3/clntudp_bufcreate.3 man3/clntudp_create.3
man3/daemon.3 man3/db.3 man3/dbopen.3 man3/endrpc.3 man3/errno.3
man3/exec.3 man3/exec.3 man3/exec.3 man3/exec.3 man3/exec.3
man3/execvp.3 man3/execvpe.3 man3/fclose.3 man3/fdopen.3
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man3/ferror_unlocked.3 man3/fexecve.3 man3/fflush_unlocked.3
man3/ffs.3 man3/ffsll.3 man3/fgetc.3
man3/fgetc_unlocked.3 man3/fgetgrent.3 man3/fgetpwent.3 man3/fgets.3
man3/fgetws_unlocked.3 man3/fgetwc_unlocked.3 man3/fgetwc_unsynchronized.3
man3/fileno_unlocked.3 man3/finite.3 man3/finitef.3 man3/finitel.3
man3/flockfile.3 man3/floor.3 man3/floorf.3 man3/floorl.3 man3/fmod.3
man3/fmodf.3 man3/fmodl.3 man3/fnmatch.3 man3/fopencookie.3
man3/fpathconf.3 man3/fpurge.3 man3/fputc.3 man3/fputc_unlocked.3
man3/fputs.3 man3/fputs_unlocked.3 man3/fputwc_unlocked.3
man3/fputws_unlocked.3 man3/fread_unlocked.3 man3/free.3
man3/freaddirinfo.3 man3/freehostent.3 man3/freeifaddrs.3
man3/freelocale.3 man3/frexp.3 man3/frexpf.3 man3/frexpl.3
man3/fseeko.3 man3/fstatvfs.3 man3/fstatvfs.3
man3/ftrylockfile.3 man3/funlockfile.3 man3/futimens.3 man3/futimes.3
man3/fwrite_unlocked.3 man3/gai_cancel.3 man3/gai_error.3
man3/gai_strerror.3 man3/gai_suspend.3 man3/getavphys_pages.3
man3/get_current_dir_name.3 man3/get_nprocs.3 man3/get_nprocs_conf.3
man3/getavphys_pages.3 man3/get_context.3 man3/getdate.3 man3/getdate.err.3
man3/getdate_r.3 man3/getdelim.3 man3/getdirenttries.3
man3/getdtablesize.3 man3/getentropy.3 man3/getenv.3 man3/getfattr.3
man3/getfattr.3 man3/getfsent.3 man3/getfsspec.3 man3/getgrent.3 man3/getgrgid.3
man3/getgrgid_r.3 man3/getgrnam.3 man3/getgrnam_r.3
man3/getgroup.3 man3/gethostbyaddr.3 man3/gethostbyaddr_r.3
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1.930 commons-collections 3.2.2

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  jar/org/apache/commons/collections/functors/StringValueTransformer.java
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  jar/org/apache/commons/collections/keyvalue/DefaultMapEntry.java
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# Copying Container Files

## Motivation

- Copying files from Containers in a cluster to a local filesystem
- Copying files from a local filesystem to Containers in a cluster

Copy requires that *tar* be installed in the container image.

## Local to Remote

Copy a local file to a remote Pod in a cluster.

- Local file format is `<path>`
- Remote file format is `<pod-name>::<path>`

```
```bash
kubectl cp /tmp/foo_dir <some-pod>:/tmp/bar_dir
```
```
Copy a remote file from a Pod to a local file.

- Local file format is `path`
- Remote file format is `<pod-name>:path`

```bash
kubectl cp <some-pod>:/tmp/foo /tmp/bar
```

## Specify the Container

Specify the Container within a Pod running multiple containers.

- `-c <container-name>`

```bash
kubectl cp /tmp/foo <some-pod>:/tmp/bar -c <specific-container>
```

## Namespaces

Set the Pod namespace by prefixing the Pod name with `<namespace>`.

- `<pod-namespace>/<pod-name>:path`

```bash
kubectl cp /tmp/foo <some-namespace>/<some-pod>:/tmp/bar
```

---

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Optimised ANSI C code for the Rijndael cipher (now AES)

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Richard Outerbridge

DES core in libhcrypto

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D3DES (V5.09) -

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis
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(GEnie : OUTER; CIS : [71755,204]) Graven Imagery, 1992.

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1.959 lang-painless 6.8.13

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This API enables you to retrieve licensing information.

```
[role="xpack"]
[testenv="basic"]
[[get-license]]
=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++

This API enables you to retrieve licensing information.

[float]
==== Request

'GET /_xpack/license'

[float]
==== Description
This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[flow]
==== Query Parameters

`local`::
(booleans) Specifies whether to retrieve local information. The default value is 'false', which means the information is retrieved from the master node.

[flow]
==== Authorization

You must have `monitor` cluster privileges to use this API.
For more information, see <<security-privileges>>.

[flow]
==== Examples

The following example provides information about a trial license:

[source.js]
----------------------------------------------------------------
GET _xpack/license
----------------------------------------------------------------

// CONSOLE

[source.js]
----------------------------------------------------------------
{
  "license" : {
    "status" : "active",
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type" : "trial",
    "issue_date" : "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis" : 1540073112332,
    "expiry_date" : "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis" : 1542665112332,
    "max_nodes" : 1000,
    "issued_to" : "test",
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    <link crossorigin="anonymous" href="https://assets-cdn.github.com/assets/frameworks-2d2d4c150f7000385741c6b992b302689ecd172246c6428904e0813be9bceca6.css" media="all" rel="stylesheet" />
    <link crossorigin="anonymous" href="https://assets-cdn.github.com/assets/github-0522ae8d3b3bdc841d2f91f90ef5f1f6d9040d910905674cd134ced43a6dfe6a.css" media="all" rel="stylesheet" />

    <link crossorigin="anonymous" href="https://assets-cdn.github.com/assets/site-cfab053e93f0e27f4c63d4ff6b7957bd25f711667fe678e747f8a4d88c47b38d.css" media="all" rel="stylesheet" />

    <meta name="viewport" content="width=device-width" />

    <link rel="search" type="application/opensearchdescription+xml" href="/opensearch.xml" title="GitHub" />
  </head>
</html>
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Cryptacular Java Library

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```
DELETE /_xpack/license
```

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The following example queries the info API:

[source,js]
------------------------------------------------------------
DELETE _xpack/license
------------------------------------------------------------
// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:
[source,js]
------------------------------------------------------------
{
  "acknowledged": true
}
------------------------------------------------------------
// NOTCONSOLE
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=== Delete License

The license can be deleted using the `deleteLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
```

=== Execution

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
```

=== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which
returns true if the request was processed by all nodes.
Check the acknowledge flag. It should be true if license deletion is acknowledged.

```java
[[java-rest-high-delete-license-async]]
```

---

**Asynchronous Execution**

This request can be executed asynchronously:

```java
["source","java",subs="attributes,callouts,macros"]
```

---

Include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]

---

1. The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
```

---

Include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]

---

1. Called when the execution is successfully completed. The response is provided as an argument
2. Called in case of failure. The raised exception is provided as an argument

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Jackson is a high-performance, Free/Open Source JSON processing library. 
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has 
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It is currently developed by a community of developers, as well as supported 
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This API enables you to update your license.

`PUT _xpack/license`
You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

`acknowledge`:
- (boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

`licenses`:
- (array) A sequence of one or more JSON documents containing the license information.

If `{es}` `{security-features}` are enabled, you need `manage` cluster privileges to install the license.

If `{es}` `{security-features}` are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

The following example updates to a basic license:

```json
POST _xpack/license

{ "licenses": [ ]
```
```json
{
    "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
    "type":"basic",
    "issue_date_in_millis":1411948800000,
    "expiry_date_in_millis":1914278399999,
    "max_nodes":1,
    "issued_to":"issuedTo",
    "issuer":"issuer",
    "signature":"xx"
}
}
```

```bash
// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]
```
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

```
// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]
```
gc .license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `"<user>"` is a user ID with the appropriate authority.
* `"<host>"` is the hostname of the `{es}` node (`localhost` if executing locally)
* `"<port>"` is the http port (defaults to `9200`)
* `"license.json"` is the license JSON file

NOTE: If your `{es}` node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you
receive the following response:

[source,js]

```
{  
  "acknowledged": false,  
  "license_status": "valid",  
  "acknowledge": {  
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",  
    "watcher": [  
      "Watcher will be disabled"
    ],  
    "logstash": [  
      "Logstash will no longer poll for centrally-managed pipelines"
    ],  
    "security": [  
      "The following X-Pack security functionality will be disabled: ..."]
  }
}
```

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source,js]

```
POST _xpack/license?acknowledge=true

{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
```

// CONSOLE

// TEST[skip:license testing issues]

Alternatively:
// NOTCONSOLE

For more information about the features that are disabled when you downgrade your license, see {stack-ov}/license-expiration.html[License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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Apache HttpClient NIO
The license can be added or updated using the `getLicense()` method:

```java
// The source code for the getLicense() method
```

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
// The source code for the getLicenseResponse() method
```

This request can be executed asynchronously:

```java
// The source code for the getLicenseExecuteAsync() method
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
// The source code for the listener
```
<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument

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[[java-rest-high-put-license]]

=== Update License

[[java-rest-high-put-license-execution]]

==== Execution

The license can be added or updated using the `putLicense()` method:

"source", "java", subs="attributes,callouts,macros"]

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

1> Set the categories of information to retrieve. The default is to
return no information which is useful for checking if `xpack` is installed
but not much else.

2> A JSON document containing the license information.

[[java-rest-high-put-license-response]]

==== Response

The returned `PutLicenseResponse` contains the `LicensesStatus`,
`acknowledged` flag and possible acknowledge messages. The acknowledge messages
are present if you previously had a license with more features than one you
are trying to update and you didn't set the `acknowledge` flag to `true`. In this case
you need to display the messages to the end user and if they agree, resubmit the
license with the `acknowledge` flag set to `true`. Please note that the request will
still return a 200 return code even if requires an acknowledgement. So, it is
necessary to check the `acknowledged` flag.

"source", "java", subs="attributes,callouts,macros"]

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```
The status of the license
Make sure that the license is valid.
Check the acknowledge flag. It should be true if license is acknowledged.
Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
and check component-specific messages in `acknowledgeMessages()`.

[[java-rest-high-put-license-async]]

Asynchronous Execution

This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]

The asynchronous method does not block and returns immediately. Once it is
completed the `ActionListener` is called back using the `onResponse` method
if the execution successfully completed or using the `onFailure` method if
it failed.

A typical listener for `PutLicenseResponse` looks like:

["source","java",subs="attributes,callouts,macros"]

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For more information, see
{stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features. +
  +
  --
If set to `trial`, the self-generated license gives access only to all the features
of a x-pack for 30 days. You can later downgrade the cluster to a basic license if
needed.
  --
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The snowball stemmers in
  analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
  analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from
  http://snowball.tartarus.org/

The KStem stemmer in
  analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.
The Arabic, Persian, Romanian, Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
- `analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt`
- `analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt`
- `analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt`
- `analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt`
- `analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`
- `analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt`

See [http://members.unine.ch/jacques.savoy/clef/index.html](http://members.unine.ch/jacques.savoy/clef/index.html).

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:
- `analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project [http://egothor.sf.net/](http://egothor.sf.net/), created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in `stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt`.

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The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
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  acknowledge: true
  body: |
  "{"licenses":[]}

"Installing and getting license works":

```json
# current license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
      {"licenses": [{"uid": "894371dc-94tfb-4997-93cb-802e37r7faa8","type": "trial","issue_date_in_millis": 1419148800000,"expiry_date_in_millis": 1916956799999,"max_nodes": 1,"issued_to": "issue","issuer": "issuer","signature": "AAAAAaAAAFWh0T9njltjQ2qamAABMc9Z9N0hjZDBGY0vYRxP0COW5BaF3jZDAX0OPw3bTVmVoMVZwUzRvKp1P5mxkxZdW5IMlhlTHNoN1N2MXmVRFk4d3JTZEz3R3RRz0puz3olbWJKz0qV2ffba0ppTHBkWkpzZWZSQ6iNnRMQckw1SlpLN0lDalZCS0N95XMvX0N1IzplYcVVTmFlEcT2dzh7ZmZrdFQ0R3JQeQmbw0UXMZX0dDJH8ERiZTVLOHNzSDByWmpoZEpH87BEZjUrTVBxRENNSXNsWwWjZlIaODdrVmEzU1NiWktNWGM5TU0Q2pluO4Q1JOUml4MNXuU0pSOehQaVB2azhmUk9QZvMvF0moM1Q0R5nXS53MW2K055c28zSmRnTkFlb2JQkFLyVXXUmVNHDZ2R302VE1qhBNQ2S15h0N5bUeZINWkZSMvZlWEtaSU9wTTEuDvTV1N9CkY1acUUYK2FwRm9xuu6dMmbMzSGQc3FWOTg0z3UcXMvQkZ2RUZwMFMJnZzlL2t2bDRWUzh6UG5pdENGFWRreXNKNEK9PQAABAQBZhv0zA0trxxhUZ1qbaTkI9n95KVQ6p8yg1p9n0PzZlx8Rv1xSrgoFibQ611Jw0l5qmYnN93hRlHTO9EyaCBqaLk8NXXQ6TrlRqQSmEwAUYKZeKXsuBoOk4B4mzwC9aMAkGTrT8EBBog+57cSaU9y37Gkdd+1jXQcPr+iOEUf7g0nXWXvE6oerRoLvCt1f1yn09kOCF8kKTrbrRTSjC6igZ3uTVhyy7e74XQ9PRavvHaxH3T4UOEqZPZqIbSQIvWKbBRD5YQ1POYVvTayollTnWMXfEcAkATJZLhBEHST7kZWrjTS61dCREjC7a8V5jf78HXvOly" ]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: []
```

# a license object has 11 attributes
- length: { license: 11 }

# bwc for licenses format
- do:
  xpack.license.post:
    acknowledge: true
    body: |
      {"licenses": [{"uid": "893361dc-9749-4997-93cb-802e37f74a8","type": "gold","issue_date_in_millis": 1419148800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issue","issuer": "issuer","signature": "AAAAAwAAAA2T3vqdB8etKQaBxg0AAABMc9Z9N0hjZDBGY0vYRxP0COW5BaF3jZDAX0OPw3bTVmVoMVZwUzRvKp1P5mxkxZdW5IMlhlTHNoN1N2MXmVRFk4d3JTZEz3R3RRz0puz3olbWJKz0qV2ffba0ppTHBkWkpzZWZSQ6iNnRMQckw1SlpLN0lDalZCS0N95XMvX0N1IzplYcVVTmFlEcT2dzh7ZmZrdFQ0R3JQeQmbw0UXMZX0dDJH8ERiZTVLOHNzSDByWmpoZEpH87BEZjUrTVBxRENNSXNsWwWjZlIaODdrVmEzU1NiWktNWGM5TU0Q2pluO4Q1JOUml4MNXuU0pSOehQaVB2azhmUk9QZvMvF0moM1Q0R5nXS53MW2K055c28zSmRnTkFlb2JQkFLyVXXUmVNHDZ2R302VE1qhBNQ2S15h0N5bUeZINWkZSMvZlWEtaSU9wTTEuDvTV1N9CkY1acUUYK2FwRm9xuu6dMmbMzSGQc3FWOTg0z3UcXMvQkZ2RUZwMFMJnZzlL2t2bDRWUzh6UG5pdENGFWRreXNKNEK9PQAABAQBZhv0zA0trxxhUZ1qbaTkI9n95KVQ6p8yg1p9n0PzZlx8Rv1xSrgoFibQ611Jw0l5qmYnN93hRlHTO9EyaCBqaLk8NXXQ6TrlRqQSmEwAUYKZeKXsuBoOk4B4mzwC9aMAkGTrT8EBBog+57cSaU9y37Gkdd+1jXQcPr+iOEUf7g0nXWXvE6oerRoLvCt1f1yn09kOCF8kKTrbrRTSjC6igZ3uTVhyy7e74XQ9PRavvHaxH3T4UOEqZPZqIbSQIvWKbBRD5YQ1POYVvTayollTnWMXfEcAkATJZLhBEHST7kZWrjTS61dCREjC7a8V5jf78HXvOly" ]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: []
```

---

Open Source Used in CloudCenter Suite Admin 5.3.0 15820
Should throw 404 after license deletion:

- do:
  xpack.license.delete: {}

  - catch: missing

Should install a feature type license:

- do:
  xpack.license.get: {}

  - match: { acknowledged: true }
  - do:
    xpack.license.get: {}
  catch: missing

- match: { license_status: "valid" }
  - do:
    xpack.license.get: {}

  - length: { license: 11 }
  - match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }

---

Open Source Used In CloudCenter Suite Admin 5.3.0
# VERSION_NO_FEATURE_TYPE license version
- do:
xpack.license.post:
  acknowledge: true
  body: |
    "{
      "license": {
        "uid": "893361dc-9749-4997-93eb-802eced7fa4a8", "type": "gold", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuer", "issue": "issuer", "signature": "AAAAAgAAAAA3U8+YmnnwC+CWSv/mRAAABmC9Z2OnhjZDBGYvYRXpCO5W5b3FjZDAXOWpShTVoMVZwUzRxVkJp1SmkxazZdW5IMlhTHNoN1N2MXMvRFk4d3JTZe3R3RZ0pzU3lobWJKZnQvSEFvao0ppTHBkWkprZWZSi9hNmRNQkw1SlpLN0lDalZC095MXRGN1lIzIzpYcVVTnFrcTE2dzhZmZrdFQn3QeGwxb0UMXZ0dDHJSERiZTVLOHNzSDByWnpoZephZHBEZjUrTVBrRENNSXNsWwjZlalODdzVmEzUjNiWktnWNGM5tUqV2plaUo4Q1JOuml4MXNu0S0EhQaVB2azhmUk9QVzhFeTfoM1Q0RnJSX5G3Mwk2K05c28zSmRnVkJ1b2JSqFLV2VXUmVHNZ2R3o2V1e4bVQNS2ixOH5nbzErzINiWkZSvMVzIWeEtuSU9wTJTJNDEVTV1NCYklacUYyK2FwR9xoa0t6dldMbmMzGtQc3FWOTgzZ3ZUCxMXVqt2RUZwMFJnZl2d2bDRWUzh6UG5p5dENGWFreXKNKE9QPAABBQe8GfZdMn6T337Iuuvjeb3tXk5dvg0K5Qapr+rczWcFXgCuzb8plkgetP1aAGZ4pu4RSDQPMIOCx4dUqAm97GMBQ3I39P+PoglPFeEH9NvOmaQovmxVM95SE6dDqJ4xcXSO+bgWpXTp2DmPqCf1x6dBZ8GeuyyP
    "}
  
- match: { license_status: "valid" }
- do:
xpack.license.get: {}
- length: { license: 11 }
---
"Cannot start basic":
- do:
catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
      "{
        "license": {
          "uid": "893361dc-9749-4997-93eb-802eced7fa4a8", "type": "basic", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuer", "issue": "issuer", "signature": "AAAAAgAAAAA3U8+YmnnwC+CWSv/mRAAABmC9Z2OnhjZDBGYvYRXpCO5W5b3FjZDAXOWpShTVoMVZwUzRxVkJp1SmkxazZdW5IMlhTHNoN1N2MXMvRFk4d3JTZe3R3RZ0pzU3lobWJKZnQvSEFvao0ppTHBkWkprZWZSi9hNmRNQkw1SlpLN0lDalZC095MXRGN1lIzIzpYcVVTnFrcTE2dzhZmZrdFQn3QeGwxb0UMXZ0dDHJSERiZTVLOHNzSDByWnpoZephZHBEZjUrTVBrRENNSXNsWwjZlalODdzVmEzUjNiWktnWNGM5tUqV2plaUo4Q1JOuml4MXNu0S0EhQaVB2azhmUk9QVzhFeTfoM1Q0RnJSX5G3Mwk2K05c28zSmRnVkJ1b2JSqFLV2VXUmVHNZ2R3o2V1e4bVQNS2ixOH5nbzErzINiWkZSvMVzIWeEtuSU9wTJTJNDEVTV1NCYklacUYyK2FwR9xoa0t6dldMbmMzGtQc3FWOTgzZ3ZUCxMXVqt2RUZwMFJnZl2d2bDRWUzh6UG5p5dENGWFreXKNKE9QPAABBQe8GfZdMn6T337Iuuvjeb3tXk5dvg0K5Qapr+rczWcFXgCuzb8plkgetP1aAGZ4pu4RSDQPMIOCx4dUqAm97GMBQ3I39P+PoglPFeEH9NvOmaQovmxVM95SE6dDqJ4xcXSO+bgWpXTp2DmPqCf1x6dBZ8GeuyyP
    "}
  
- match: { license_status: "valid" }
- do:
xpack.license.get: {}
- length: { license: 11 }
---
"Cannot start basic":
- do:
catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
      "{
        "license": {
          "uid": "893361dc-9749-4997-93eb-802eced7fa4a8", "type": "basic", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuer", "issue": "issuer", "signature": "AAAAAgAAAAA3U8+YmnnwC+CWSv/mRAAABmC9Z2OnhjZDBGYvYRXpCO5W5b3FjZDAXOWpShTVoMVZwUzRxVkJp1SmkxazZdW5IMlhTHNoN1N2MXMvRFk4d3JTZe3R3RZ0pzU3lobWJKZnQvSEFvao0ppTHBkWkprZWZSi9hNmRNQkw1SlpLN0lDalZC095MXRGN1lIzIzpYcVVTnFrcTE2dzhZmZrdFQn3QeGwxb0UMXZ0dDHJSERiZTVLOHNzSDByWnpoZephZHBEZjUrTVBrRENNSXNsWwjZlalODdzVmEzUjNiWktnWNGM5tUqV2plaUo4Q1JOuml4MXNu0S0EhQaVB2azhmUk9QVzhFeTfoM1Q0RnJSX5G3Mwk2K05c28zSmRnVkJ1b2JSqFLV2VXUmVHNZ2R3o2V1e4bVQNS2ixOH5nbzErzINiWkZSvMVzIWeEtuSU9wTJTJNDEVTV1NCYklacUYyK2FwR9xoa0t6dldMbmMzGtQc3FWOTgzZ3ZUCxMXVqt2RUZwMFJnZl2d2bDRWUzh6UG5p5dENGWFreXKNKE9QPAABBQe8GfZdMn6T337Iuuvjeb3tXk5dvg0K5Qapr+rczWcFXgCuzb8plkgetP1aAGZ4pu4RSDQPMIOCx4dUqAm97GMBQ3I39P+PoglPFeEH9NvOmaQovmxVM95SE6dDqJ4xcXSO+bgWpXTp2DmPqCf1x6dBZ8GeuyyP
    "}
"Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire."

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":

- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":

---
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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```
[role="xpack"]
[testenv="basic"]
[[get-license]]

=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++
```

This API enables you to retrieve licensing information.

```
[float]
==== Request

`GET /_xpack/license`

[float]
==== Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see
[float]
==== Query Parameters

`local`::
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

[float]
==== Authorization

You must have `monitor` cluster privileges to use this API.
For more information, see <<security-privileges>>.

[float]
==== Examples

The following example provides information about a trial license:

[source,js]
--------------------------------------------------------------------------------
GET _xpack/license
--------------------------------------------------------------------------------
// CONSOLE

[source,js]
--------------------------------------------------------------------------------
{
    "license" : {
        "status" : "active",
        "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
        "type" : "trial",
        "issue_date" : "2018-10-20T22:05:12.332Z",
        "issue_date_in_millis" : 1540073112332,
        "expiry_date" : "2018-11-19T22:05:12.332Z",
        "expiry_date_in_millis" : 1542665112332,
        "max_nodes" : 1000,
        "issued_to" : "test",
        "issuer" : "elasticsearch",
        "start_date_in_millis" : -1
    }
}
--------------------------------------------------------------------------------
// TESTRESPONSE[Cs/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/Sbody.license.uid/]
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1 contributor
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<th>Line</th>
<th>Description</th>
</tr>
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<tbody>
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<td>Virginia Tech (<a href="http://www.vt.edu">http://www.vt.edu</a>).</td>
</tr>
</tbody>
</table>
You can't perform that action at this time.
This API enables you to delete licensing information.

Request

`DELETE /_xpack/license`

Description

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].

Authorization

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

Examples

The following example queries the info API:

```
DELETE _xpack/license
```

When the license is successfully deleted, the API returns the following response:

```
{
```
"acknowledged": true
}

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Version 3.1, 31 March 2009

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=== Delete License

The license can be deleted using the `deleteLicense()` method:

```java
"source","java",subs="attributes,callouts,macros"
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
--------------------------------------------------
```

 ==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

```java
"source","java",subs="attributes,callouts,macros"
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
--------------------------------------------------
```

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

```java
"source","java",subs="attributes,callouts,macros"
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
--------------------------------------------------
```

This request can be executed asynchronously:
The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```
["source","java",subs="attributes,callouts,macros"]
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
```

1. Called when the execution is successfully completed. The response is provided as an argument.
2. Called in case of failure. The raised exception is provided as an argument.

```
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Nori Korean Morphological Analyzer - Apache Lucene Integration
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This API enables you to update your license.

`PUT _xpack/license`

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.
Query Parameters

`acknowledge`::
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

Request Body

`licenses`::
(array) A sequence of one or more JSON documents containing the license information.

Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

Examples

The following example updates to a basic license:

[source,js]
-------------------------------
POST _xpack/license

{"licenses": [ {

"uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
"type":"basic",
"issue_date_in_millis":1411948800000,
"expiry_date_in_millis":1914278399999,
"max_nodes":1,
"issued_to":"issuedTo",
"issuer":"issuer",
"signature":"xx"
}
]}

-------------------------------
NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

On Windows machine, use the following command:

[source,shell]

```bash
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

- `<user>` is a user ID with the appropriate authority.
- `<host>` is the hostname of the {es} node (`localhost` if executing locally)
- `<port>` is the http port (defaults to `9200`)
- `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]

```json
{
"acknowledged": false,
"license_status": "valid",
"acknowledge": {
"message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:",
"watcher": [
"Watcher will be disabled"
]
}
```
To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source,js]

```json
POST _xpack/license?acknowledge=true
{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
```

Alternatively:

[source,sh]

```bash
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json
```

For more information about the features that are disabled when you downgrade your license, see [License expiration](http://rapidjson.org/license-expiration.html).
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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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The license can be added or updated using the `getLicense()` method:

```java
include-tagged:: {doc-tests}/LicensingDocumentationIT.java[get-license-execute]
```

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
include-tagged:: {doc-tests}/LicensingDocumentationIT.java[get-license-response]
```

This request can be executed asynchronously:

```java
include-tagged:: {doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
include-tagged:: {doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
```
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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The license can be added or updated using the `putLicense()` method:

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
--------------------------------------------------
```

1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.
2> A JSON document containing the license information.

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
--------------------------------------------------
```

1> The status of the license
2> Make sure that the license is valid.
3> Check the acknowledge flag. It should be true if license is acknowledged.
4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`.
5> and check component-specific messages in `acknowledgeMessages()`.

This request can be executed asynchronously:

```java
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-async]
--------------------------------------------------
```
The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
[
"source", "java", subs="attributes,callouts,macros"]
```

Called when the execution is successfully completed. The response is provided as an argument

Called in case of failure. The raised exception is provided as an argument

Elasticsearch X-Pack

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`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic x-pack features.

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The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton.

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The full snowball package is available from http://snowball.tartarus.org/

The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.


The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and
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- `analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/pl/stopwords.txt`
- `analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in `stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt`. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smarten) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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"Installing and getting license works":

## current license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    "licenses":{["uid":"894371dc-949-4997-93cb-802e37fa6a8","type":"trial","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1916956799999,"max_nodes":1,"issued_to":"issuedTo","issuer":"issuer","signature":"AAAAAgAAAA0FWh0T9njtjQ2qammAAABmC"}
9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTvOvMVZwUrzVxk1PSmkkaxxzZdW51MHlTHN0N1N2MXMvRFk4d3JTZeX3R3RRZ0pzU3lobWJKZnQvSEFvao0ppTHBkWkprZWZSQj9iNmRQNkw1SlpL01DaZCS095MXRGN1IlZjPyVcVTHTficTe2dzJzGmZrdFQrN3J3GxGwdoU0MXZ0dDHSERiZTVLOHnzSDByWyopoZEpZHZBEZjUrTVBxRENSXNsWWjJlAoDdVneUzJNfWknNGW5M7uQv2plaOu0Q1JOuml4MXNuL0pSOEhQA2ahmU9KQvzhFteF0oMlQ0rnXJSG53M3W2K055c2szSmRnVkJ1b2JSQvFLVxUMvHnZD2R3o2VE1qhVNQ52IsOHN5bUeZJIN1WkZSVmZlWEtA09wvTTJENbV1INCYklacUYyK2FwR9xao06dIdMbnzMz5Giqc3FWOTgZj3ZUCxMxVQk2rUZwMfJzZdvL2d2bDRWu6U5pdENGWFrrXNKKnE9PQAaAQBzhvozA0trxxhUZJqaTsTn9C5KVQ6pv8vy1pmsBpZXCI8kXlSrgoFn1bXq61lvJwfwq5mnyN1h3bTRhT09EyaCBqaLk8NXZQ6T6RqQ滕EmWvAYUKZeXKsIu0Ok4B4mzwcCt8aMAKztriEbtBbg+57caU9y37Gkdd+1jXCQxP+joEU7gnXWZvE6oeRolvCtI1Yn9k0CF8kKTrbP7TjC6jgZ3uVTHyee74QX9P9avvHax73T4UoEdQZX/P1ib5QfWKbBRD5YQ1POYVj[TayoltTrnLMXFeEc9kkATIZLzhpBEHST7kWjrTS6j1dCRE7ca8Vsj/78HXvOly"]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }

## bwc for licenses format
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    {"licenses":[{"uid":"8933616c-9749-4997-93cb-8023e37fda4a","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issueto":"issue_to","issuer":"issuer","signature":"AAAAAwAAAA2T3vqdBBetKQaBgxipAAABmc5Z0njhZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTvOvMVZwUrzVxk1PSmkkaxxzZdW51MHlTHN0N1N2M XmVRFk4d3JTZeX3R3RRZ0pzU3lobWJKZnQvSEFvao0ppTHBkWkprZWZSQj9iNmRQNkw1SlpL01DaZCS095MXRGN1IlZjPyVcVTHTficTe2dzJzGmZrdFQrN3J3GxGwdoU0MXZ0dDHSERiZTVLOHnzSDByWyopoZEpZHBEZjUrTVBxRENSXNsWWjJlAoDdVneUzJNfWknNGW5M7uQv2plaOu0Q1JOuml4MXNuL0pSOEhQA2ahmU9KQvzhFteF0oMlQ0rnXJSG53M3W2K055c2szSmRnVkJ1b2JSQvFLVxUMvHnZD2R3o2VE1qhVNQ52IsOHN5bUeZJIN1WkZSVmZlWEtA09wvTTJENbV1INCYklacUYyK2FwR9xao06dIdMbnzMz5Giqc3FWOTgZj3ZUCxMxVQk2rUZwMfJzZdvL2d2bDRWu6U5pdENGWFrrXNKKnE9PQAaAQBzhvozA0trxxhUZJqaTsTn9C5KVQ6pv8vy1pmsBpZXCI8kXlSrgoFn1bXq61lvJwfwq5mnyN1h3bTRhT09EyaCBqaLk8NXZQ6T6RqQ滕EmWvAYUKZeXKsIu0Ok4B4mzwcCt8aMAKztriEbtBbg+57caU9y37Gkdd+1jXCQxP+joEU7gnXWZvE6oeRolvCtI1Yn9k0CF8kKTrbP7TjC6jgZ3uVTHyee74QX9P9avvHax73T4UoEdQZX/P1ib5QfWKbBRD5YQ1POYVj[TayoltTrnLMXFeEc9kkATIZLzhpBEHST7kWjrTS6j1dCRE7ca8Vsj/78HXvOly"]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}
## license version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    ```
    {"licenses":[]}
    ```
- match: { license_status: "valid" }
- do:
  xpack.license.get: {}
- length: { license: 11 }

## multiple licenses version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    ```
    {"licenses":[]}
    ```
802e3dofh7aa","type": "internal", "subscription_type": "none", "issue_date_in_millis": 1443484800000, "feature": "watch her", "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAQAQA0Sc90guRIaQEmgLvMnAAAAAn5rC9ZN0bjMZDBGYnVrRXpCOW5Bb3fJZDAxOWpSwbTVoMVZuwRvK1Ps5xakZsdW5ImlTHN0nN12MXMr5Fk4d3J7mEx33RRZ0pzU3lobWJKZnQvSEFva0ppTHBkKWpRZ7WSQ19iNmRNkx1SpLNL0DaIZC0s95MXRGN1lHIZIpYcVTvTnFrcTE2dzhJZmZrdFQrN3JQeGwxb0U0MZXdODH5ERzTZTVLOH5zSDByWnpoZEpIZHBEZjUrTVBxRENN5SNxWSWjZlalOzdzVmeZUJiNHkNWMG5TUQV2plaUo4Q1JOUml4MXNu0pS0EhQaVB2azhmUk9QVzhFeFoM1Q0RaJXSG35WK2k055c28SmRnVfbh12JSQkFLV2VXumVHNDDZ23s2EVI1qVvNQS1xOHNSbUeZINlWk5SvnZIWEtsU9wTTJENDVv1NCyklacUYyK2fW9xa06ddMbmM5GiQc3FWOTgZ3ZUxXMvQkt2RUZmMFJzZlalL2d2DRWUzh6UG5pdEGWFReXNKlKe9PQAQAQQ94dju0pDZR3Uuypi0ic3aQ1+nvVqec+U8u79Dga5n1ljqcHd7h7HVIBJElF+tvVpLO/PXV/x7BZSwYYlVPVeit+6rYx1yuHEeqwqmxvVdRlCJaZm6tk0Ob4dZCPv6Ebn2Mmk89KHCP/wiLPqQ6QfwV/Pkpa8k2A3ORJmVYSDvXhe61Cs8dqe4eBfsFxqrZjwWh5CZSpzqZBFXingDv2N0hHhpGlueRszD0J5dfEL5ZA1D0OgO9OJVej5HyRqge1L5QRUNdXPFiFS+EAG0Dd1cNdJ/sMpYCPnVjbw6iQ2Y/Gm3cuzTSVYBY7i4Wn0P3ce7Zjs9TWHn4lqzrC6"]]]

- match: { license_status: "valid" }

-do:
  xpack.license.get: {} 

- length: { license: 11 }
- match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }

---

"Should throw 404 after license deletion": 
- do:
  xpack.license.delete: {} 

- match: { acknowledged: true }

-do:
  xpack.license.get: {}
  catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version 
- do:
  xpack.license.post: 
    acknowledge: true 
    body: |
      ["license": {"uid": "893361dc-9749-4997-93cb-802e3dofh7aa"},"type": "gold","issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAQAQA0Sc90guRIaQEmgLvMnAAAAAn5rC9ZN0bjMZDBGYnVrRXpCOW5Bb3fJZDAxOWpSwbTVoMVZuwRvK1Ps5xakZsdW5ImlTHN0nN12MXMr5Fk4d3J7mEx33RRZ0pzU3lobWJKZnQvSEFva0ppTHBkKWpRZ7WSQ19iNmRNkx1SpLNL0DaIZC0s95MXRGN1lHIZIpYcVTvTnFrcTE2dzhJZmZrdFQrN3JQeGwxb0U0MZXdODH5ERzTZTVLOH5zSDByWnpoZEpIZHBEZjUrTVBxRENN5SNxWSWjZlalOzdzVmeZUJiNHkNWMG5TUQV2plaUo4Q1JOUml4MXNu0pS
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

"Cannot start basic":
- do:
  catch: bad_request
  xpack.license.post:
  acknowledge: true
  body: |
  
  "Cannot start basic":
- do:
  catch: bad_request
  xpack.license.post:
  acknowledge: true

"Should fail gracefully when body content is not provided":
- do:
  catch: bad_request
  xpack.license.post:
  acknowledge: true
- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
  - match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
  - match: { acknowledged: true }
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

  - match: { basic_was_started: false }
  - match: { acknowledged: true }
  - match: { error_message: "Operation failed: Current license is basic." }

---

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

  - match: { basic_was_started: false }
  - match: { acknowledged: false }
  - match: { error_message: "Operation failed: Needs acknowledgement." }

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1.962 signal-exit 3.0.5

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1.963 gdbm 1.10 8.el7

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### 1.966 dirmngr 2.1.18 8~deb9u4

### 1.967 pycodestyle 2.3.1

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Metadata-Version: 1.1
Name: pycodestyle
Version: 2.3.1
Summary: Python style guide checker
Home-page: https://pycodestyle.readthedocs.io/
Author: Ian Lee
Author-email: IanLee1521@gmail.com
License: Expat license
Description: pycodestyle (formerly called pep8) - Python style guide checker

.. image:: https://img.shields.io/travis/PyCQA/pycodestyle.svg
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pycodestyle is a tool to check your Python code against some of the style conventions in `PEP 8`_.

.. _PEP 8: http://www.python.org/dev/peps/pep-0008/

.. note::

   This package used to be called `pep8` but was renamed to `pycodestyle` to reduce confusion. Further discussion can be found in the issue where Guido requested this change <https://github.com/PyCQA/pycodestyle/issues/466>_, or in the lightning talk at PyCon 2016 by @IanLee1521: `slides <https://speakerdeck.com/ianlee1521/pep8-vs-pep-8>`_ `video <https://youtu.be/PulzIT8KYLk?t=36m>`_.

Features
-------

* Plugin architecture: Adding new checks is easy.

* Parseable output: Jump to error location in your editor.
* Small: Just one Python file, requires only stdlib. You can use just the `pycodestyle.py` file for this purpose.

* Comes with a comprehensive test suite.

Installation
-------------

You can install, upgrade, and uninstall `pycodestyle.py` with these commands:

```
$ pip install pycodestyle
$ pip install --upgrade pycodestyle
$ pip uninstall pycodestyle
```

There's also a package for Debian/Ubuntu, but it's not always the latest version.

Example usage and output
------------------------

```
$ pycodestyle --first optparse.py
optparse.py:69:11: E401 multiple imports on one line
optparse.py:77:1: E302 expected 2 blank lines, found 1
optparse.py:88:5: E301 expected 1 blank line, found 0
optparse.py:222:34: W602 deprecated form of raising exception
optparse.py:347:31: E211 whitespace before '
optparse.py:357:17: E201 whitespace after '
optparse.py:472:29: E221 multiple spaces before operator
optparse.py:544:21: W601 .has_key() is deprecated, use 'in'
```

You can also make `pycodestyle.py` show the source code for each error, and even the relevant text from PEP 8:

```
$ pycodestyle --show-source --show-pep8 testsuite/E40.py
```

```
testsuite/E40.py:2:10: E401 multiple imports on one line
import os, sys
^  
Imports should usually be on separate lines.

Okay: import os
import sys
```

Or you can display how often each error was found:

```
$ pycodestyle --statistics -qq Python-2.5/Lib
  232 E201 whitespace after '['
  599 E202 whitespace before ']'
  631 E203 whitespace before ','
  842 E211 whitespace before '('
 2531 E221 multiple spaces before operator
 4473 E301 expected 1 blank line, found 0
 4006 E302 expected 2 blank lines, found 1
  165 E303 too many blank lines (4)
  325 E401 multiple imports on one line
 3615 E501 line too long (82 characters)
  612 W601 .has_key() is deprecated, use 'in'
 1188 W602 deprecated form of raising exception

Links
-----

* `Read the documentation <https://pycodestyle.readthedocs.io/>`

* `Fork me on GitHub <http://github.com/PyCQA/pycodestyle>`

Changelog
=========

2.3.1 (2017-01-31)
------------------

Bugs:

* Fix regression in detection of E302 and E306; #618, #620

2.3.0 (2017-01-30)
------------------

New Checks:

* Add E722 warning for bare `except` clauses
* Report E704 for async function definitions (`async def`)

Bugs:

* Fix another E305 false positive for variables beginning with "class" or "def"
* Fix detection of multiple spaces between `async` and `def`
* Fix handling of variable annotations. Stop reporting E701 on Python 3.6 for variable annotations.
2.2.0 (2016-11-14)

Announcements:

* Added Make target to obtain proper tarball file permissions; #599

Bugs:

* Fixed E305 regression caused by #400; #593

2.1.0 (2016-11-04)

Announcements:

* Change all references to the pep8 project to say pycodestyle; #530

Changes:

* Report E302 for blank lines before an "async def"; #556
* Update our list of tested and supported Python versions which are 2.6, 2.7, 3.2, 3.3, 3.4 and 3.5 as well as the nightly Python build and PyPy.
* Report E742 and E743 for functions and classes badly named 'I', 'O', or 'T'.
* Report E741 on 'global' and 'nonlocal' statements, as well as prohibited single-letter variables.
* Deprecation use of `[pep8]` section name in favor of `[pycodestyle]`; #591
* Report E722 when bare except clause is used; #579

Bugs:

* Fix opt_type AssertionError when using Flake8 2.6.2 and pycodestyle; #561
* Require two blank lines after toplevel def, class; #536
* Remove accidentally quadratic computation based on the number of colons. This will make pycodestyle faster in some cases; #314

2.0.0 (2016-05-31)

Announcements:

* Repository renamed to `pycodestyle`; Issue #466 / #481.
* Added joint Code of Conduct as member of PyCQA; #483

Changes:

* Added tox test support for Python 3.5 and pypy3
* Added check E275 for whitespace on `from ... import ...` lines; #489 / #491
* Added W503 to the list of codes ignored by default ignore list; #498
* Removed use of project level `.pep8` configuration file; #364

Bugs:

* Fixed bug with treating `~` operator as binary; #383 / #384
* Identify binary operators as unary; #484 / #485

1.7.0 (2016-01-12)
------------------
Announcements:

* Repository moved to PyCQA Organization on GitHub:
  https://github.com/pycqa/pep8

Changes:

* Reverted the fix in #368, "options passed on command line are only ones accepted" feature. This has many unintended consequences in pep8 and flake8 and needs to be reworked when I have more time.
* Added support for Python 3.5. (Issue #420 & #459)
* Added support for multi-line config_file option parsing. (Issue #429)
* Improved parameter parsing. (Issues #420 & #456)

Bugs:

* Fixed BytesWarning on Python 3. (Issue #459)

1.6.2 (2015-02-15)
------------------
Changes:

* Added check for breaking around a binary operator. (Issue #197, Pull #305)

Bugs:

* Restored config_file parameter in process_options(). (Issue #380)

1.6.1 (2015-02-08)
------------------
Changes:

* Assign variables before referenced. (Issue #287)
Bugs:

* Exception thrown due to unassigned `local_dir` variable. (Issue #377)

1.6.0 (2015-02-06)
------------------

News:

* Ian Lee <ianlee1521@gmail.com> joined the project as a maintainer.

Changes:

* Report E731 for lambda assignment. (Issue #277)

  Do not report this error in the default configuration. (Issue #277)

* Replace codes E111, E112 and E113 with codes E114, E115 and E116 for bad indentation of comments. (Issue #274)

* Report E266 instead of E265 when the block comment starts with multiple `#`. (Issue #270)

* Report E402 for import statements not at the top of the file. (Issue #264)

* Do not enforce whitespaces around `**` operator. (Issue #292)

* Strip whitespaces from around paths during normalization. (Issue #339 / #343)

* Update `--format` documentation. (Issue #198 / Pull Request #310)

* Add `.tox/` to default excludes. (Issue #335)

* Do not report E121 or E126 in the default configuration. (Issues #256 / #316)

* Allow spaces around the equals sign in an annotated function. (Issue #357)

* Allow trailing backslash if in an inline comment. (Issue #374)

* If `--config` is used, only that configuration is processed. Otherwise, merge the user and local configurations are merged. (Issue #368 / #369)

Bug fixes:

* Don't crash if Checker.build_tokens_line() returns None. (Issue #306)
* Don't crash if os.path.expanduser() throws an ImportError. (Issue #297)

* Missing space around keyword parameter equal not always reported, E251. (Issue #323)

* Fix false positive E711/E712/E713. (Issues #330 and #336)

* Do not skip physical checks if the newline is escaped. (Issue #319)

* Flush sys.stdout to avoid race conditions with printing. See flake8 bug: https://gitlab.com/pycqa/flake8/issues/17 for more details. (Issue #363)

1.5.7 (2014-05-29)
------------------

Bug fixes:

* Skip the traceback on "Broken pipe" signal. (Issue #275)

* Do not exit when an option in `setup.cfg` or `tox.ini` is not recognized.

* Check the last line even if it does not end with a newline. (Issue #286)

* Always open files in universal newlines mode in Python 2. (Issue #288)

1.5.6 (2014-04-14)
------------------

Bug fixes:

* Check the last line even if it has no end-of-line. (Issue #273)

1.5.5 (2014-04-10)
------------------

Bug fixes:

* Fix regression with E22 checks and inline comments. (Issue #271)

1.5.4 (2014-04-07)
------------------

Bug fixes:
* Fix negative offset with E303 before a multi-line docstring. (Issue #269)

1.5.3 (2014-04-04)
------------------

Bug fixes:

* Fix wrong offset computation when error is on the last char of a physical line. (Issue #268)

1.5.2 (2014-04-04)
------------------

Changes:

* Distribute a universal wheel file.

Bug fixes:

* Report correct line number for E303 with comments. (Issue #60)

* Do not allow newline after parameter equal. (Issue #252)

* Fix line number reported for multi-line strings. (Issue #220)

* Fix false positive E121/E126 with multi-line strings. (Issue #265)

* Fix E501 not detected in comments with Python 2.5.

* Fix caret position with `--show-source` when line contains tabs.

1.5.1 (2014-03-27)
------------------

Bug fixes:

* Fix a crash with E125 on multi-line strings. (Issue #263)

1.5 (2014-03-26)
----------------

Changes:
* Report E129 instead of E125 for visually indented line with same indent as next logical line. (Issue #126)

* Report E265 for space before block comment. (Issue #190)

* Report E713 and E714 when operators `not in` and `is not` are recommended. (Issue #236)

* Allow long lines in multiline strings and comments if they cannot be wrapped. (Issue #224).

* Optionally disable physical line checks inside multiline strings, using `# noqa`. (Issue #242)

* Change text for E121 to report "continuation line under-indented for hanging indent" instead of indentation not being a multiple of 4.

* Report E131 instead of E121 / E126 if the hanging indent is not consistent within the same continuation block. It helps when error E121 or E126 is in the "ignore" list.

* Report E126 instead of E121 when the continuation line is hanging with extra indentation, even if indentation is not a multiple of 4.

**Bug fixes:**

* Allow the checkers to report errors on empty files. (Issue #240)

* Fix ignoring too many checks when `--select` is used with codes declared in a flake8 extension. (Issue #216)

* Fix regression with multiple brackets. (Issue #214)

* Fix `StyleGuide` to parse the local configuration if the keyword argument `paths` is specified. (Issue #246)

* Fix a false positive E124 for hanging indent. (Issue #254)

* Fix a false positive E126 with embedded colon. (Issue #144)

* Fix a false positive E126 when indenting with tabs. (Issue #204)

* Fix behaviour when `exclude` is in the configuration file and the current directory is not the project directory. (Issue #247)

* The logical checks can return `None` instead of an empty iterator.
(Issue #250)

* Do not report multiple E101 if only the first indentation starts with a tab. (Issue #237)

* Fix a rare false positive W602. (Issue #34)

1.4.6 (2013-07-02)
------------------
Changes:

* Honor `# noqa` for errors E711 and E712. (Issue #180)

* When both a `tox.ini` and a `setup.cfg` are present in the project directory, merge their contents. The `tox.ini` file takes precedence (same as before). (Issue #182)

* Give priority to `--select` over `--ignore`. (Issue #188)

* Compare full path when excluding a file. (Issue #186)

* New option `--hang-closing` to switch to the alternative style of closing bracket indentation for hanging indent. Add error E133 for closing bracket which is missing indentation. (Issue #103)

* Accept both styles of closing bracket indentation for hanging indent. Do not report error E123 in the default configuration. (Issue #103)

Bug fixes:

* Do not crash when running AST checks and the document contains null bytes. (Issue #184)

* Correctly report other E12 errors when E123 is ignored. (Issue #103)

* Fix false positive E261/E262 when the file contains a BOM. (Issue #193)

* Fix E701, E702 and E703 not detected sometimes. (Issue #196)

* Fix E122 not detected in some cases. (Issue #201 and #208)

* Fix false positive E121 with multiple brackets. (Issue #203)

1.4.5 (2013-03-06)
------------------
* When no path is specified, do not try to read from stdin. The feature was added in 1.4.3, but it is not supported on Windows. Use `--`filename argument to read from stdin. This usage is supported since 1.3.4. (Issue #170)

* Do not require `--setuptools` in setup.py. It works around an issue with `--pip` and Python 3. (Issue #172)

* Add `--_pycache__` to the ignore list.

* Change misleading message for E251. (Issue #171)

* Do not report false E302 when the source file has a coding cookie or a comment on the first line. (Issue #174)

* Reorganize the tests and add tests for the API and for the command line usage and options. (Issues #161 and #162)

* Ignore all checks which are not explicitly selected when `--select` is passed to the `--StyleGuide` constructor.

1.4.4 (2013-02-24)
------------------

* Report E227 or E228 instead of E225 for whitespace around bitwise, shift or modulo operators. (Issue #166)

* Change the message for E226 to make clear that it is about arithmetic operators.

* Fix a false positive E128 for continuation line indentation with tabs.

* Fix regression with the `--diff` option. (Issue #169)

* Fix the `TestReport` class to print the unexpected warnings and errors.

1.4.3 (2013-02-22)
------------------

* Hide the `--doctest` and `--testsuite` options when installed.

* Fix crash with AST checkers when the syntax is invalid. (Issue #160)

* Read from standard input if no path is specified.
* Initiate a graceful shutdown on ``Control+C``.

* Allow changing the `checker_class` for the `StyleGuide`.

1.4.2 (2013-02-10)
------------------

* Support AST checkers provided by third-party applications.

* Register new checkers with `register_check(func_or_cls, codes)`.

* Allow constructing a `StyleGuide` with a custom parser.

* Accept visual indentation without parenthesis after the `if` statement. (Issue #151)

* Fix UnboundLocalError when using `# noqa` with continued lines. (Issue #158)

* Re-order the lines for the `StandardReport`.

* Expand tabs when checking E12 continuation lines. (Issue #155)

* Refactor the testing class `TestReport` and the specific test functions into a separate test module.

1.4.1 (2013-01-18)
------------------

* Allow sphinx.ext.autodoc syntax for comments. (Issue #110)

* Report E703 instead of E702 for the trailing semicolon. (Issue #117)

* Honor `# noqa` in addition to `# nopep8`. (Issue #149)

* Expose the `OptionParser` factory for better extensibility.

1.4 (2012-12-22)
----------------

* Report E226 instead of E225 for optional whitespace around common operators (``*``, ``**``, ``/``, ``+`` and ``-``). This new error code is ignored in the default configuration because PEP 8 recommends to "use your own judgement". (Issue #96)
* Lines with a `"# nopep8"` at the end will not issue errors on line length E501 or continuation line indentation E12*. (Issue #27)

* Fix AssertionError when the source file contains an invalid line ending `"\n\n\n"`. (Issue #119)

* Read the `"[pep8]\` section of `"tox.ini" or `"setup.cfg" if present. (Issue #93 and #141)

* Add the Sphinx-based documentation, and publish it on https://pycodestyle.readthedocs.io/. (Issue #105)

1.3.4 (2012-12-18)
------------------

* Fix false positive E124 and E128 with comments. (Issue #100)

* Fix error on stdin when running with bpython. (Issue #101)

* Fix false positive E401. (Issue #104)

* Report E231 for nested dictionary in list. (Issue #142)

* Catch E271 at the beginning of the line. (Issue #133)

* Fix false positive E126 for multi-line comments. (Issue #138)

* Fix false positive E221 when operator is preceded by a comma. (Issue #135)

* Fix `"--diff` failing on one-line hunk. (Issue #137)

* Fix the `"--exclude` switch for directory paths. (Issue #111)

* Use `"-" filename to read from standard input. (Issue #128)

1.3.3 (2012-06-27)
------------------

* Fix regression with continuation line checker. (Issue #98)

1.3.2 (2012-06-26)
------------------

* Revert to the previous behaviour for `"--show-pep8``:
do not imply `''--first``. (Issue #89)

* Add E902 for IO errors. (Issue #87)

* Fix false positive for E121, and missed E124. (Issue #92)

* Set a sensible default path for config file on Windows. (Issue #95)

* Allow `''verbose`` in the configuration file. (Issue #91)

* Show the enforced `''max-line-length`` in the error message. (Issue #86)

1.3.1 (2012-06-18)
------------------

* Explain which configuration options are expected. Accept and recommend the options names with hyphen instead of underscore. (Issue #82)

* Do not read the user configuration when used as a module (except if ```config_file=True``` is passed to the ```StyleGuide``` constructor).

* Fix wrong or missing cases for the E12 series.

* Fix cases where E122 was missed. (Issue #81)

1.3 (2012-06-15)
----------------

.. warning::
   The internal API is backwards incompatible.

* Remove global configuration and refactor the library around a ```StyleGuide``` class; add the ability to configure various reporters. (Issue #35 and #66)

* Read user configuration from ```~/.config/pep8```
  and local configuration from ```./.pep8```. (Issue #22)

* Fix E502 for backslash embedded in multi-line string. (Issue #68)

* Fix E225 for Python 3 iterable unpacking (PEP 3132). (Issue #72)

* Enable the new checkers from the E12 series in the default configuration.

* Suggest less error-prone alternatives for E712 errors.
* Rewrite checkers to run faster (E22, E251, E27).

* Fixed a crash when parsed code is invalid (too many closing brackets).

* Fix E127 and E128 for continuation line indentation. (Issue #74)

* New option `--format` to customize the error format. (Issue #23)

* New option `--diff` to check only modified code. The unified diff is read from STDIN. Example: `hg diff | pep8 --diff`
  (Issue #39)

* Correctly report the count of failures and set the exit code to 1 when the `--doctest` or the `--testsuite` fails.

* Correctly detect the encoding in Python 3. (Issue #69)

* Drop support for Python 2.3, 2.4 and 3.0. (Issue #78)

1.2 (2012-06-01)
--------------------

* Add E121 through E128 for continuation line indentation. These checks are disabled by default. If you want to force all checks, use switch `--select=E,W`. Patch by Sam Vilain. (Issue #64)

* Add E721 for direct type comparisons. (Issue #47)

* Add E711 and E712 for comparisons to singletons. (Issue #46)

* Fix spurious E225 and E701 for function annotations. (Issue #29)

* Add E502 for explicit line join between brackets.

* Fix E901 when printing source with `--show-source`.

* Report all errors for each checker, instead of reporting only the first occurrence for each line.

* Option `--show-pep8` implies `--first`.

1.1 (2012-05-24)
------------------
* Add E901 for syntax errors. (Issues #63 and #30)

* Add E271, E272, E273 and E274 for extraneous whitespace around keywords. (Issue #57)

* Add ``tox.ini`` configuration file for tests. (Issue #61)

* Add ``.travis.yml`` configuration file for continuous integration. (Issue #62)

1.0.1 (2012-04-06)

* Fix inconsistent version numbers.

1.0 (2012-04-04)

* Fix W602 ``raise`` to handle multi-char names. (Issue #53)

0.7.0 (2012-03-26)

* Now ``--first`` prints only the first occurrence of each error. The ``--repeat`` flag becomes obsolete because it is the default behaviour. (Issue #6)

* Allow specifying ``--max-line-length``. (Issue #36)

* Make the shebang more flexible. (Issue #26)

* Add testsuite to the bundle. (Issue #25)

* Fixes for Jython. (Issue #49)

* Add PyPI classifiers. (Issue #43)

* Fix the ``--exclude`` option. (Issue #48)

* Fix W602, accept ``raise`` with 3 arguments. (Issue #34)

* Correctly select all tests if ``DEFAULT_IGNORE == ''``.

0.6.1 (2010-10-03)
* Fix inconsistent version numbers. (Issue #21)

0.6.0 (2010-09-19)

* Test suite reorganized and enhanced in order to check more failures with fewer test files. Read the `run_tests` docstring for details about the syntax.

* Fix E225: accept `print >>sys.stderr, "..."` syntax.

* Fix E501 for lines containing multibyte encoded characters. (Issue #7)

* Fix E221, E222, E223, E224 not detected in some cases. (Issue #16)

* Fix E211 to reject `v = dic['a'][b]` . (Issue #17)

* Exit code is always 1 if any error or warning is found. (Issue #10)

* `--ignore` checks are now really ignored, especially in conjunction with `--count`. (Issue #8)

* Blank lines with spaces yield W293 instead of W291: some developers want to ignore this warning and indent the blank lines to paste their code easily in the Python interpreter.

* Fix E301: do not require a blank line before an indented block. (Issue #14)

* Fix E203 to accept NumPy slice notation `a[0, :]` . (Issue #13)

* Performance improvements.

* Fix decoding and checking non-UTF8 files in Python 3.

* Fix E225: reject `'True+False` when running on Python 3.

* Fix an exception when the line starts with an operator.

* Allow a new line before closing `)`, `}` or `]`. (Issue #5)

0.5.0 (2010-02-17)

* Changed the `--count` switch to print to sys.stderr and set
exit code to 1 if any error or warning is found.

* E241 and E242 are removed from the standard checks. If you want to include these checks, use switch `--select=E,W`. (Issue #4)

* Blank line is not mandatory before the first class method or nested function definition, even if there's a docstring. (Issue #1)

* Add the switch `--version`.

* Fix decoding errors with Python 3. (Issue #13 [1])

* Add `--select` option which is mirror of `--ignore`.

* Add checks E261 and E262 for spaces before inline comments.

* New check W604 warns about deprecated usage of backticks.

* New check W603 warns about the deprecated operator `<>`.

* Performance improvement, due to rewriting of E225.

* E225 now accepts:
  - no whitespace after unary operator or similar. (Issue #9 [1])
  - lambda function with argument unpacking or keyword defaults.

* Reserve "2 blank lines" for module-level logical blocks. (E303)

* Allow multi-line comments. (E302, issue #10 [1])

0.4.2 (2009-10-22)
-------------------
* Decorators on classes and class methods are OK now.

0.4 (2009-10-20)
----------------
* Support for all versions of Python from 2.3 to 3.1.

* New and greatly expanded self tests.

* Added `--count` option to print the total number of errors and warnings.
* Further improvements to the handling of comments and blank lines. (Issue #1 [1]_ and others changes.)

* Check all py files in directory when passed a directory (Issue #2 [1]_). This also prevents an exception when traversing directories with non `*.py` files.

* E231 should allow commas to be followed by `)``. (Issue #3 [1]_)

* Spaces are no longer required around the equals sign for keyword arguments or default parameter values.

.. [1] These issues refer to the `previous issue tracker`__.
.. __: http://github.com/cburroughs/pep8.py/issues

0.3.1 (2009-09-14)
------------------
* Fixes for comments: do not count them when checking for blank lines between items.
* Added setup.py for pypi upload and easy_installability.

0.2 (2007-10-16)
----------------
* Loads of fixes and improvements.

0.1 (2006-10-01)
----------------
* First release.

Keywords: pycodestyle,pep8,PEP 8,PEP-8,PEP8
Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: MIT License
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DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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The following is additional information from Juan C. Gomez on how this license is to be interpreted:

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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,
"There is no restriction on modifications and derived works" on the work I did for the openldap server as long as this is consistent with the openldap license. Please forward this email to Kurt so he does the appropriate changes to the files to reflect this.

Regards, Juan
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-Mark
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---
After discussing this license with the OpenLDAP Foundation we received
clarification on it:
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* To: Stephen Frost <sfrost@snowman.net>
* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>, debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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Regards, Kurt

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### 1.981 python-pyudev 0.15 9.el7

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Version 2.1, February 1999

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1.993 libpython 2.7.13-2+deb9u3

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.
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Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371

--- 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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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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# This is a Makefile stub which handles the creation of BSD shared libraries.

# In order to use this stub, the following makefile variables must be defined.

# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least
the ``copyright'' line and a pointer to where the full notice is found.

@smallexample
@var{one line to give the program's name and a brief idea of what it does.}
Copyright (C) @var{year} @var{name of author}
@end smallexample

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@end smallexample

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notice like this when it starts in an interactive mode:

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@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample

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Version 2.1, February 1999

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be combined with the library in order to run.

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DRuntime: Runtime Library for the D Programming Language

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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<tbody>
<tr>
<td>mach_override</td>
<td>lib/interception/mach_override</td>
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This API enables you to retrieve licensing information.

```
GET /_xpack/license
```

This API returns information about the type of license, when it was issued, and
when it expires, for example.

For more information about the different types of licenses, see
https://www.elastic.co/subscriptions.

```
local
```

(boolean) Specifies whether to retrieve local information. The default value
is `false`, which means the information is retrieved from the master node.

[float]
==== Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

[float]
==== Examples

The following example provides information about a trial license:

[source,js]
--------------------------------------------------
GET _xpack/license
--------------------------------------------------
// CONSOLE

[source,js]
--------------------------------------------------
{
  "license" : {
    "status" : "active",
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type" : "trial",
    "issue_date" : "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis" : 1540073112332,
    "expiry_date" : "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis" : 1542665112332,
    "max_nodes" : 1000,
    "issued_to" : "test",
    "issuer" : "elasticsearch",
    "start_date_in_millis" : -1
  }
}
--------------------------------------------------

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE[s/"basic"/$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/]
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]
// TESTRESPONSE[s/1542665112332/$body.license.expiry_date_in_millis/]
// TESTRESPONSE[s/1000/$body.license.max_nodes/]
// TESTRESPONSE[s/"test"/$body.license.issued_to/]
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</a>
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<span class="select-menu-item-text css-truncate-target" title="v1.0-RC1">
v1.0-RC1
</span>
</a>

</div>

Nothing to show</div>
</div>
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You can't perform that action at this time.
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The Apache Software Foundation (http://www.apache.org/).

This API enables you to delete licensing information.

Request

`DELETE /_xpack/license`

Description

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].

Authorization

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

Examples

The following example queries the info API:

[source,js]

```
DELETE _xpack/license

// CONSOLE
// TEST[skip:license testing issues]
```

When the license is successfully deleted, the API returns the following response:

[source,js]

```
{
```
"acknowledged": true
}

// NOTCONSOLE
Apache HttpComponents Client
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name,version,revision,url,license,copyright
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Version 3.1, 31 March 2009

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--- Delete License

The license can be deleted using the `deleteLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
```

--- Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which
returns true if the request was processed by all nodes.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
```

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

--- Asynchronous Execution

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```
The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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This API enables you to update your license.

```
```

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.
`acknowledge`::
(boolean) Specifies whether you acknowledge the license changes. The default value is 'false'.

`licenses`::
(array) A sequence of one or more JSON documents containing the license information.

If {es} {security-features} are enabled, you need 'manage' cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

The following example updates to a basic license:

```
POST _xpack/license
{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
```
NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

```
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

On Windows machine, use the following command:

[source,shell]

```
\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]

```
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",
    "watcher": ["Watcher will be disabled"
```
"security": [
  "The following X-Pack security functionality will be disabled: ..."]
}
}

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the
`acknowledge` parameter to `true`. For example:

[source,js]

POST _xpack/license?acknowledge=true
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}

// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]

curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json"
-d @license.json

// NOTCONSOLE

For more information about the features that are disabled when you downgrade
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# Overview

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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The license can be added or updated using the `getLicense()` method:

```java
// The text of the license.
```

This request can be executed asynchronously:

```java
// The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
// A typical listener for `GetLicenseResponse` looks like:
```
Called when the execution is successfully completed. The response is provided as an argument.

Called in case of failure. The raised exception is provided as an argument.

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The license can be added or updated using the `putLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

1. Set the categories of information to retrieve. The default is to return no information which is useful for checking if {xpack} is installed but not much else.
2. A JSON document containing the license information.

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

1. The status of the license
2. Make sure that the license is valid.
3. Check the acknowledge flag. It should be true if license is acknowledged.
4. Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
5. and check component-specific messages in `acknowledgeMessages()`.

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-async]
```
The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
{"source","java",subs="attributes,callouts,macros"]
```

You can configure this licensing setting in the `elasticsearch.yml` file. For more information, see `{stack-ov}/license-management.html[License management]`.

`xpack.license.self_generated.type`:

- Set to `basic` (default) to enable basic X-Pack features.
- If set to `trial`, the self-generated license gives access only to all the features of a X-Pack for 30 days. You can later downgrade the cluster to a basic license if needed.
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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- `FrenchMinimalStemmer.java`
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===========================================================================
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Charset detection code from ICU4J (http://site.icu-project.org/)

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JUnRAR (https://github.com/edmund-wagner/junrar/)

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  xpack.license.post:
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- do:
  xpack.license.get: {}

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- length: { license: 11 }

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- do:
  xpack.license.post:
  acknowledge: true
  body: |
  
  ```json
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    "issuer": "issuer",
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- do:
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## license version: 1.x
- do:
xpack.license.post:
  acknowledge: true
  body: |
  {"licenses": [{"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8","type": "subscription","subscription_type": "gold","issue_date_in_millis": 1411948800000,"feature": "shield","expiry_date_in_millis": 1914278999999,"max_nodes": 1,"issued_to": "issuedTo","issuer": "issuer","signature": "AAAAAQAAAAALLVaywwpSH94cyXr4zAAABmC9ZNL0hjZDBGYnVxRxpCOW5Sb3FJzDAxoOWpSbTvOMVZwUzRxVkJ1SpmxakzXd5WlMlhTHN0nN12MxmmvRFk4d3JTzE3x3R3RRZ0pzU3lobWJKZnQvSEFvao0ppTHBkwprZWSzQ91NnRNQKnk1SlpLoN0IdaZCS095MXRGN11Z5pYcVdVThnFrCETz2zhZnZMrDFqnm3JQeGVwxboU0MXZ0dDJHSERiZTVLOHnzSDByWnpoZEPHzHBEZJuRTvBxRRENSnxNwWWjZllaOdDzVnEuzUjNiWktNWGM5TUhQv2plaU0IpJ1OuIm4MNxL0pSOehQaVB2azhQ9KvFeTFoM1Q0RnJXSG53WMwK2055c28zSmRnVkJ1b2JSQfLV2VXMvVHNHDZ3Ro2VE1qvbQNSQ5l0xOHN5bUEzZINIKwZSvmZJWEtusU9wTJJvDvT1CNYklaeUYk2FwR9x06tdldMmbMzSGrOc3FWOTgzzZlUCMmVqkt2RUzwMfJnzL2d2bDRUwzu6G5pdeNGFWFrEeXNNKKnE9PQAAAQA4qscck/URRZvDolwgy9qdyqByEQLW8YkliAyVPX5HHHdtk+dZlEpiNEdUXhSxX2waVjJlsNRF8/4kqPdFwNoO02TM8tfgiffi5ZyDGTG7+y+5eAceEU5J5v11BNz27bwkwL+V4Yt07nCNkWJsvWKhAIHUU3F8chPKGCHE0qKQgVwpC9RE82pTw06/aIr4PLGNFqMOuu5eBSucFvTrq89JIQoKA/7FYFbo7VTNXxZq7t7r7ZWBCP9IKjxtPZwUwk08Q5svsoJNYFBo3H2GkzCVRz/55rcEtdwKKXu1wnSeir4I/KlduQTfFLy0+1th878VS8788UT"}],
- match: { license_status: "valid" }
- do:
xpack.license.get: {}
- length: 11: license
## multiple licenses version: 1.x
- do:
xpack.license.post:
  acknowledge: true
  body: |
  {"licenses": [{"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8","type": "internal","subscription_type": "none","issue_date_in_millis": 1411948800000,"feature": "shield","expiry_date_in_millis": 1440892799999,"max_nodes": 1,"issued_to": "issuedTo","issuer": "issuer","signature": "AAAAAQAAAA0LVAywwpSH94cyXr4zAAABmC9ZNL0hjZDBGYnVxRxpCOW5Sb3FJzDAxoOWpSbTvOMVZwUzRxVkJ1SpmxakzXd5WlMlhTHN0nN12MxmmvRFk4d3JTzE3x3R3RRZ0pzU3lobWJKZnQvSEFvao0ppTHBkwprZWSzQ91NnRNQKnk1SlpLoN0IdaZCS095MXRGN11Z5pYcVdVThnFrCETz2zhZnZMrDFqnm3JQeGVwxboU0MXZ0dDJHSERiZTVLOHnzSDByWnpoZEPHzHBEZJuRTvBxRRENSnxNwWWjZllaOdDzVnEuzUjNiWktNWGM5TUhQv2plaU0IpJ1OuIm4MNxL0pSOehQaVB2azhQ9KvFeTFoM1Q0RnJXSG53WMwK2055c28zSmRnVkJ1b2JSQfLV2VXMvVHNHDZ3Ro2VE1qvbQNSQ5l0xOHN5bUEzZINIKwZSvmZJWEtusU9wTJJvDvT1CNYklaeUYk2FwR9x06tdldMmbMzSGrOc3FWOTgzzZlUCMmVqkt2RUzwMfJnzL2d2bDRUwzu6G5pdeNGFWFrEeXNNKKnE9PQAAAQA4qscck/URRZvDolwgy9qdyqByEQLW8YkliAyVPX5HHHdtk+dZlEpiNEdUXhSxX2waVjJlsNRF8/4kqPdFwNoO02TM8tfgiffi5ZyDGTG7+y+5eAceEU5J5v11BNz27bwkwL+V4Yt07nCNkWJsvWKhAIHUU3F8chPKGCHE0qKQgVwpC9RE82pTw06/aIr4PLGNFqMOuu5eBSucFvTrq89JIQoKA/7FYFbo7VTNXxZq7t7r7ZWBCP9IKjxtPZwUwk08Q5svsoJNYFBo3H2GkzCVRz/55rcEtdwKKXu1wnSeir4I/KlduQTfFLy0+1th878VS8788UT"}]}
- match: { license_status: "valid" }
- do:
xpack.license.get: {}
- length: 11: license
"Should install a feature type license":

```bash
# VERSION_NOFEATURE_TYPE license version

do:
  xpack.license.post:
    acknowledge: true
    body: |
      
"license": {"uid":"893361dc-9749-4997-93cb-802e3dofh7aa","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":"issuer","issu
```
Cannot start basic:

- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

Should fail gracefully when body content is not provided:

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

"match": { "error.root_cause.0.reason": 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

---

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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1.1004 python-srpm-macros 3-34.el7

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
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releases have also been GPL-compatible; the table below summarizes
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Version 2.1, February 1999

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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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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also compile or
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Library will not necessarily be able to recompile the application
b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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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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d) If a facility in the modified Library refers to a function or a
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the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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# Amazon S3 plugin for [Fluentd](http://github.com/fluent/fluentd)

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## Overview

**s3** output plugin buffers event logs in local file and upload it to S3 periodically.

This plugin splits files exactly by using the time of event logs (not the time when the logs are received). For example, a log '2011-01-02 message B' is reached, and then another log '2011-01-03 message B' is reached in this order, the former one is stored in "20110102.gz" file, and latter one in "20110103.gz" file.

**s3** input plugin reads data from S3 periodically. This plugin uses SQS queue on the region same as S3 bucket.
We must setup SQS queue and S3 event notification before use this plugin.

## Requirements

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## Installation

Simply use RubyGems:

```
# install latest version
$ gem install fluent-plugin-s3 --no-document # for fluentd v1.0 or later
# If you need to install specific version, use -v option
$ gem install fluent-plugin-s3 -v 1.3.0 --no-document
# For v0.12. This is for old v0.12 users. Don't use v0.12 for new deployment
$ gem install fluent-plugin-s3 -v "~> 0.8" --no-document # for fluentd v0.12
```

## Configuration: credentials

Both S3 input/output plugin provide several credential methods for authentication/authorization.

### AWS key and secret authentication

These parameters are required when your agent is not running on EC2 instance with an IAM Role. When using an IAM role, make sure to configure `instance_profile_credentials`. Usage can be found below.

**aws_key_id**

AWS access key id.

**aws_sec_key**

AWS secret key.

### assume_role_credentials

Typically, you use AssumeRole for cross-account access or federation.

```
<match *>
  @type s3

  <assume_role_credentials>
    role_arn ROLE_ARN
    role_session_name ROLE_SESSION_NAME
  </assume_role_credentials>
</match>
```

See also:

* [Aws::STS::Client](http://docs.aws.amazon.com/sdkforruby/api/Aws/STS/Client.html)
**role_arn (required)**

The Amazon Resource Name (ARN) of the role to assume.

**role_session_name (required)**

An identifier for the assumed role session.

**policy**

An IAM policy in JSON format.

**duration_seconds**

The duration, in seconds, of the role session. The value can range from 900 seconds (15 minutes) to 3600 seconds (1 hour). By default, the value is set to 3600 seconds.

**external_id**

A unique identifier that is used by third parties when assuming roles in their customers' accounts.

### web_identity_credentials

Similar to the assume_role_credentials, but for usage in EKS.

```xml
<match *>
  @type s3

  <web_identity_credentials>
    role_arn ROLE_ARN
    role_session_name ROLE_SESSION_NAME
    web_identity_token_file AWS_WEB_IDENTITY_TOKEN_FILE
  </web_identity_credentials>
</match>
```

See also:

* [IAM Roles For Service Accounts](https://docs.aws.amazon.com/eks/latest/userguide/iam-roles-for-service-accounts-technical-overview.html)
* [Aws::STS::Client](http://docs.aws.amazon.com/sdkforruby/api/Aws/STS/Client.html)
* [Aws::AssumeRoleWebIdentityCredentials](https://docs.aws.amazon.com/sdk-for-ruby/v3/api/Aws/AssumeRoleWebIdentityCredentials.html)
**role_arn (required)**

The Amazon Resource Name (ARN) of the role to assume.

**role_session_name (required)**

An identifier for the assumed role session.

**web_identity_token_file (required)**

The absolute path to the file on disk containing the OIDC token.

**policy**

An IAM policy in JSON format.

**duration_seconds**

The duration, in seconds, of the role session. The value can range from 900 seconds (15 minutes) to 43200 seconds (12 hours). By default, the value is set to 3600 seconds.

### instance_profile_credentials

Retrieve temporary security credentials via HTTP request. This is useful on EC2 instance.

```xml
<match *>
    @type s3

    <instance_profile_credentials>
        ip_address IP_ADDRESS
        port   PORT
    </instance_profile_credentials>
</match>
```

See also:

* [Aws::InstanceProfileCredentials](http://docs.aws.amazon.com/sdkforruby/api/Aws/InstanceProfileCredentials.html)
**retries**
Number of times to retry when retrieving credentials. Default is 5.

**ip_address**
Default is 169.254.169.254.

**port**
Default is 80.

**http_open_timeout**
Default is 5.

**http_read_timeout**
Default is 5.

### shared_credentials
This loads AWS access credentials from local ini file. This is useful for local developing.

```
<match>*</match>
  @type s3

  <shared_credentials>
    path PATH
    profile_name PROFILE_NAME
  </shared_credentials>
</match>
```

See also:

* [Aws::SharedCredentials](http://docs.aws.amazon.com/sdkforruby/api/Aws/SharedCredentials.html)

**path**
Path to the shared file. Defaults to "/home/.aws/credentials".

**profile_name**
Defaults to 'default' or `[ENV]['AWS_PROFILE']`.

## Configuration: Output
### v1.0 style

With fluentd v1 and fluent-plugin-s3 v1.0.0 or later, use new buffer configuration to dynamic parameters.

```xml
<match pattern>
  @type s3

  aws_key_id YOUR_AWS_KEY_ID
  aws_sec_key YOUR_AWS_SECRET_KEY
  s3_bucket YOUR_S3_BUCKET_NAME
  s3_region ap-northeast-1

  path logs/${tag}/%Y/%m/%d/
  s3_object_key_format %{path}%{time_slice}_%{index}.%{file_extension}

# if you want to use ${tag} or %Y/%m/%d/ like syntax in path / s3_object_key_format,
# need to specify tag for ${tag} and time for %Y/%m/%d in <buffer> argument.
  <buffer tag,time>
    @type file
    path /var/log/fluent/s3
    timekey 3600 # 1 hour partition
    timekey_wait 10m
    timekey_use_utc true # use utc
  </buffer>
  <format>
    @type json
  </format>
</match>
```

For `<buffer>`, you can use any record field in `path` / `s3_object_key_format`.

```xml
path logs/${tag}/${foo}
<buffer tag,foo>
  # parameters...
</buffer>
```

See official article for more detail: [Config: Buffer Section - Fluentd](https://docs.fluentd.org/configuration/buffer-section)

Note that this configuration doesn't work with fluentd v0.12.

### v0.12 style

This configuration works with both fluentd v0.12 and v1.0.

```xml
<match pattern>
  @type s3
```
aws_key_id YOUR_AWS_KEY_ID
aws_sec_key YOUR_AWS_SECRET_KEY
s3_bucket YOUR_S3_BUCKET_NAME
s3_region ap-northeast-1

path logs/
s3_object_key_format %{path}-%{time_slice}-%{index}-%{file_extension}
buffer_path /var/log fluent/s3
time_slice_format %Y%m%d-%H
time_slice_wait 10m
utc
format json
</match>

If you want to embed tag in `path` / `s3_object_key_format`, you need to use `fluent-plugin-forest` plugin.

**aws_iam_retries**

This parameter is deprecated. Use `instance_profile_credentials` instead.

The number of attempts to make (with exponential backoff) when loading instance profile credentials from the EC2 metadata service using an IAM role. Defaults to 5 retries.

**s3_bucket (required)**

S3 bucket name.

**s3_region**

s3 region name. For example, US West (Oregon) Region is `us-west-2`. The full list of regions are available here. >
http://docs.aws.amazon.com/general/latest/grande.html#s3_region. We recommend using `s3_region` instead of `s3_endpoint`.

**s3_endpoint**

endpoint for S3 compatible services. For example, Riak CS based storage or something. This option is deprecated for AWS S3, use `s3_region` instead.

See also AWS article: [Working with Regions](https://aws.amazon.com/blogs/developer/working-with-regions/).

**enable_transfer_acceleration**

Enable [S3 Transfer Acceleration](https://docs.aws.amazon.com/AmazonS3/latest/dev/transfer-acceleration.html) for uploads. **IMPORTANT**: For this to work, you must first enable this feature on your destination S3 bucket.

**enable_dual_stack**
Enable [Amazon S3 Dual-Stack Endpoints](https://docs.aws.amazon.com/AmazonS3/latest/dev/dual-stack-endpoints.html) for uploads. Will make it possible to use either IPv4 or IPv6 when connecting to S3.

**use_bundled_cert**

For cases where the default SSL certificate is unavailable (e.g. Windows), you can set this option to true in order to use the AWS SDK bundled certificate. Default is false.

This fixes the following error often seen in Windows:

```
SSL_connect returned=1 errno=0 state=SSLv3 read server certificate B: certificate verify failed (Seahorse::Client::NetworkingError)
```

**ssl_verify_peer**

Verify SSL certificate of the endpoint. Default is true. Set false when you want to ignore the endpoint SSL certificate.

**s3_object_key_format**

The format of S3 object keys. You can use several built-in variables:

* `%{path}`
* `%{time_slice}`
* `%{index}`
* `%{file_extension}`
* `%{hex_random}`
* `%{uuid_flush}`
* `%{hostname}`

To decide keys dynamically.

* `%{path}` is exactly the value of **path** configured in the configuration file. E.g., "logs/" in the example configuration above.
* `%{time_slice}` is the time-slice in text that are formatted with **time_slice_format**.
* `%{index}` is the sequential number starts from 0, increments when multiple files are uploaded to S3 in the same time slice.
* `%{file_extension}` depends on **store_as** parameter.
* `%{uuid_flush}` a uuid that is replaced everytime the buffer will be flushed. If you want to use this placeholder, install `uuidtools` gem first.
* `%{hostname}` is replaced with `Socket.gethostname` result.
* `%{hex_random}` a random hex string that is replaced for each buffer chunk, not assured to be unique. This is used to follow a way of performance tuning, "Add a Hex Hash Prefix to Key Name", written in [Request Rate and Performance Considerations - Amazon Simple Storage Service](https://docs.aws.amazon.com/AmazonS3/latest/dev/request-rate-perf-considerations.html).
You can configure the length of string with a
`hex_random_length` parameter (Default: 4).

The default format is `%{path}%{time_slice}_%{index}.%{file_extension}`.
In addition, you can use [buffer placeholders](https://docs.fluentd.org/configuration/buffer-section#placeholders) in
this parameter,
so you can embed tag, time and record value like below:

```
s3_object_key_format %{path}/events/%Y%m%d/${tag}_%{index}.%{file_extension}
<buffer tag,time>
    # buffer parameters...
</buffer>
```

For instance, using the example configuration above, actual object keys on S3
will be something like:

```
"logs/20130111-22_0.gz"
"logs/20130111-23_0.gz"
"logs/20130111-23_1.gz"
"logs/20130112-00_0.gz"
```

With the configuration:

```
s3_object_key_format %{path}/events/ts=%{time_slice}/events_%{index}.%{file_extension}
path log
time_slice_format %Y%m%d-%H
```

You get:

```
"log/events/ts=20130111-22/events_0.gz"
"log/events/ts=20130111-23/events_0.gz"
"log/events/ts=20130111-23/events_1.gz"
"log/events/ts=20130112-00/events_0.gz"
```

NOTE: `${hostname}` placeholder is deprecated since v0.8. You can get same result by using [configuration's
embedded ruby code feature](https://docs.fluentd.org/configuration/config-file#embedded-ruby-code).

```
s3_object_key_format %{path}/%{time_slice}_#{Socket.gethostname}%{index}.%{file_extension}
s3_object_key_format "%{path}%{time_slice}_#{Socket.gethostname}%{index}.%{file_extension}"
```

Above two configurations are same. The important point is wrapping `""` is needed for `#{Socket.gethostname}`.

**force_path_style**

:force_path_style (Boolean) default: false  When set to true, the
bucket name is always left in the request URI and never moved to the host
as a sub-domain. See Plugins::S3BucketDns for more details.
This parameter is deprecated. See AWS announcement: https://aws.amazon.com/blogs/aws/amazon-s3-path-deprecation-plan-the-rest-of-the-story/

**store_as**

archive format on S3. You can use several format:

* gzip (default)
* json
* text
* Izo (Need Izop command)
* Izma2 (Need xz command)
* gzip_command (Need gzip command)
  * This compressor uses an external gzip command, hence would result in utilizing CPU cores well compared with `gzip`

See `Use your compression algorithm` section for adding another format.

**`<format>` or format**

Change one line format in the S3 object. Supported formats are "out_file", "json", "ltsv", "single_value" and other formatter plugins. See also [official Formatter article](https://docs.fluentd.org/formatter).

* out_file (default).

```
<inject>
time	tag	{..json1..}
time	tag	{..json2..}
...
</inject>
```

* json

```
{..json1..}
{..json2..}
...
```

At this format, "time" and "tag" are omitted. But you can set these information to the record by setting `<inject>` option. If you set following configuration in S3 output:

```
# v1
<format>
  @type json
</format>
<inject>
  time_key log_time
</inject>
```
# v0.12
@format json
include_time_key true
time_key log_time # default is time

then the record has log_time field.

{"log_time":"time string",...}

See also [official Inject Section article](https://docs.fluentd.org/configuration/inject-section).

* ltsv

    key1:value1\tkey2:value2
    key1:value1\tkey2:value2
    ...

* single_value

Use specified value instead of entire record. If you get '{"message":"my log"}', then contents are

    my log1
    my log2
    ...

You can change key name by "message_key" option.

**auto_create_bucket**

Create S3 bucket if it does not exists. Default is true.

**check_bucket**

Check mentioned bucket if it exists in AWS or not. Default is true.

When it is false, fluentd will not check aws s3 for the existence of the mentioned bucket. This is the case where bucket will be pre-created before running fluentd.

**check_object**

Check object before creation if it exists or not. Default is true.

When it is false, s3_object_key_format will be %{path}_%{time_slice}_%{hms_slice}_%{file_extension} by default where, hms_slice will be time-slice in hhmmss format, so that each object will be unique. Example object name, assuming it is created on 2016/16/11 3:30:54 PM 20161611_153054.txt (extension can be
anything as per user's choice)

**check_apikey_on_start**

Check AWS key on start. Default is true.

**proxy_uri**

uri of proxy environment.

**path**

path prefix of the files on S3. Default is "" (no prefix).
[buffer placeholder](https://docs.fluentd.org/configuration/buffer-section#placeholders) is supported, so you can embed tag, time and record value like below.

```
path logs/%Y%m%d/$tag/
    <buffer tag,time>
    # buffer parameters...
    </buffer>
```

**buffer_path (for v0.12)**

path prefix of the files to buffer logs.

This parameter is for v0.12. Use `<buffer>`'s `path` in v1.

**time_slice_format(for v0.12)**

Format of the time used as the file name. Default is '%Y%m%d'. Use '%Y%m%d%H' to split files hourly.

This parameter is for v0.12. Use buffer placeholder for `path` / `s3_object_key_format` in v1.

**time_slice_wait(for v0.12)**

The time to wait old logs. Default is 10 minutes. Specify larger value if old logs may reach.

This parameter is for v0.12. Use `<buffer>`'s `timekey_wait` in v1.

**utc**

Use UTC instead of local time.

**storage_class**

Set storage class. Possible values are `STANDARD`, `REDUCED_REDUNDANCY`, `STANDARD_IA` from
**reduced_redundancy**

Use S3 reduced redundancy storage for 33% cheaper pricing. Default is false.

This is deprecated. Use `storage_class REDUCED_REDUNDANCY` instead.

**acl**

Permission for the object in S3. This is useful for cross-account access using IAM roles. Valid values are:

* private (default)
* public-read
* public-read-write (not recommended - see [Canned ACL](http://docs.aws.amazon.com/AmazonS3/latest/dev/acl-overview.html#canned-acl))
* authenticated-read
* bucket-owner-read
* bucket-owner-full-control

To use cross-account access, you will need to create a bucket policy granting the specific access required. Refer to the [AWS documentation](http://docs.aws.amazon.com/AmazonS3/latest/dev/example-walkthroughs-managing-access-example3.html) for examples.

**grant_full_control**

Allows grantee READ, READ_ACP, and WRITE_ACP permissions on the object. This is useful for cross-account access using IAM roles.

Valid values are `id="Grantee-CanonicalUserID"`. Please specify the grantee's canonical user ID.

e.g. `id="79a59df900b949e55d96a1e698fbacedfd6e09d98eacf8f8d5218e7cd47ef2be"`

Note that a canonical user ID is different from an AWS account ID. Please refer to [AWS documentation](https://docs.aws.amazon.com/general/latest/gr/acct-identifiers.html) for more details.

**grant_read**

Allows grantee to read the object data and its metadata.

Valid values are `id="Grantee-CanonicalUserID"`. Please specify the grantee's canonical user ID.

e.g. `id="79a59df900b949e55d96a1e698fbacedfd6e09d98eacf8f8d5218e7cd47ef2be"`

**grant_read_acp**
Allows grantee to read the object ACL.
Valid values are `id="Grantee-CanonicalUserID"`. Please specify the grantee's canonical user ID.

```
e.g. `id="79a59df900b949e55d96a1e698facedfd6e09d98eacf8f8d5218e7cd47ef2be"`
```

**grant_write_acp**

Allows grantee to write the ACL for the applicable object.
Valid values are `id="Grantee-CanonicalUserID"`. Please specify the grantee's canonical user ID.

```
e.g. `id="79a59df900b949e55d96a1e698facedfd6e09d98eacf8f8d5218e7cd47ef2be"`
```

**hex_random_length**

The length of `%{hex_random}` placeholder. Default is 4 as written in
[Request Rate and Performance Considerations - Amazon Simple Storage Service](https://docs.aws.amazon.com/AmazonS3/latest/dev/request-rate-perf-considerations.html). The maximum length is 16.

**index_format**

`%{index}` is formatted by [sprintf](http://ruby-doc.org/core-2.2.0/Kernel.html#method-i-sprintf) using this format_string. Default is '%d'. Zero padding is supported e.g. `%04d` to ensure minimum length four digits. `%{index}` can be in lowercase or uppercase hex using '%x' or '%X'.

**overwrite**

Overwrite already existing path. Default is false, which raises an error if a s3 object of the same path already exists, or increment the `%{index}` placeholder until finding an absent path.

**use_server_side_encryption**

The Server-side encryption algorithm used when storing this object in S3 (e.g., AES256, aws:kms)

**ssekms_key_id**

Specifies the AWS KMS key ID to use for object encryption. You have to set "aws:kms" to `use_server_side_encryption` to use the KMS encryption.

**sse_customer_algorithm**

Specifies the algorithm to use when encrypting the object (e.g., AES256).

**sse_customer_key**
Specifies the AWS KMS key ID to use for object encryption.

**sse_customer_key_md5**

Specifies the 128-bit MD5 digest of the encryption key according to RFC 1321.

**compute_checksums**

AWS SDK uses MD5 for API request/response by default. On FIPS enabled environment, OpenSSL returns an error because MD5 is disabled. If you want to use this plugin on FIPS enabled environment, set `compute_checksums false`.

**signature_version**

Signature version for API request. `s3` means signature version 2 and `v4` means signature version 4. Default is `nil` (Following SDK's default). It would be useful when you use S3 compatible storage that accepts only signature version 2.

**warn_for_delay**

Given a threshold to treat events as delay, output warning logs if delayed events were put into s3.

**bucket_lifecycle_rule**

Specify one or more lifecycle rules for the bucket

```
<bucket_lifecycle_rule>
  id UNIQUE_ID_FOR_THE_RULE
  prefix OPTIONAL_PREFIX # Objects whose keys begin with this prefix will be affected by the rule. If not specified all objects of the bucket will be affected
  expiration_days NUMBER_OF_DAYS # The number of days before the object will expire
</bucket_lifecycle_rule>
```

## Input: Setup

1. Create new [SQS](https://aws.amazon.com/documentation/sqs/) queue (use same region as S3)
2. Set proper permission to new queue
3. [Configure S3 event notification](http://docs.aws.amazon.com/AmazonS3/latest/dev/NotificationHowTo.html)
4. Write configuration file such as fluent.conf
5. Run fluentd

## Configuration: Input

```
<source>
  @type s3

  aws_key_id YOUR_AWS_KEY_ID
  aws_sec_key YOUR_AWS_SECRET_KEY
```

s3_bucket YOUR_S3_BUCKET_NAME
s3_region ap-northeast-1
add_object_metadata true

<sqs>
  queue_name YOUR_SQS_QUEUE_NAME
</sqs>
</source>

**add_object_metadata**

Whether or not object metadata should be added to the record. Defaults to `false`. See below for details.

**s3_bucket (required)**

S3 bucket name.

**s3_region**

S3 region name. For example, US West (Oregon) Region is "us-west-2". The full list of regions are available here. >
http://docs.aws.amazon.com/general/latest/gr/rande.html#s3_region. We recommend using `s3_region` instead of `s3_endpoint`.

**store_as**

archive format on S3. You can use severlal format:

* gzip (default)
* json
* text
* lzo (Need lzop command)
* lzma2 (Need xz command)
* gzip_command (Need gzip command)
  * This compressor uses an external gzip command, hence would result in utilizing CPU cores well compared with `gzip`

See 'Use your compression algorithm' section for adding another format.

**format**

Parse a line as this format in the S3 object. Supported formats are "apache_error", "apache2", "syslog", "json", "tsv", "ltsv", "csv", "nginx" and "none".

**check_apikey_on_start**

Check AWS key on start. Default is true.
**proxy_uri**

URI of proxy environment.

**sqs/queue_name (required)**

SQS queue name. Need to create SQS queue on the region same as S3 bucket.

**sqs/skip_delete**

When true, messages are not deleted after polling block. Default is false.

**sqs/wait_time_seconds**

The long polling interval. Default is 20.

**sqs/retry_error_interval**

Interval to retry polling SQS if polling unsuccessful, in seconds. Default is 300.

## Object Metadata Added To Records

If the `add_object_metadata` option is set to true, then the name of the bucket and the key for a given object will be added to each log record as `s3_bucket` and `s3_key`, respectively. This metadata can be used by filter plugins or other downstream processors to better identify the source of a given record.

## IAM Policy

The following is an example for a IAM policy needed to write to an s3 bucket (matches my-s3bucket/logs, my-s3bucket-test, etc.).

```json
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Effect": "Allow",
            "Action": [
                "s3:ListBucket"
            ],
            "Resource": "arn:aws:s3:::my-s3bucket"
        },
        {
            "Effect": "Allow",
            "Action": [
                "s3:PutObject",
                "s3:GetObject"
            ],
            "Resource": "arn:aws:s3:::my-s3bucket/test"  
        }
    ]
}
```
Note that the bucket must already exist and **auto_create_bucket** has no effect in this case.

`s3:GetObject` is needed for object check to avoid object overwritten.
If you set `check_object false`, `s3:GetObject` is not needed.

Refer to the [AWS documentation](http://docs.aws.amazon.com/IAM/latest/UserGuide/ExampleIAMPolicies.html) for example policies.

Using [IAM roles](http://docs.aws.amazon.com/IAM/latest/UserGuide/WorkingWithRoles.html) with a properly configured IAM policy are preferred over embedding access keys on EC2 instances.

### Example when `check_bucket false` and `check_object false`

When the mentioned configuration will be made, fluentd will work with the minimum IAM policy, like:

```
"Statement": [{
  "Effect": "Allow",
  "Action": "s3:PutObject",
  "Resource": ["*" ]
}]
```

## Use your (de)compression algorithm

`s3` plugin has pluggable compression mechanism like Fluentd's input / output plugin. If you set `store_as xxx`, `out_s3` plugin searches `fluent/plugin/s3_compressor_ xxx.rb` and `in_s3` plugin searches `fluent/plugin/s3_extractor_ xxx.rb`. You can define your (de)compression with `S3Output::Compressor`/`S3Input::Extractor` classes. Compressor API is here:

```
module Fluent # Since fluent-plugin-s3 v1.0.0 or later, use Fluent::Plugin instead of Fluent
  class S3Output
    class XXXCompressor < Compressor
      S3Output.register_compressor('xxx', self)
    end
  end
end
```

# Used to file extension

def ext
'xxx'
end

# Used to file content type
def content_type
  'application/x-xxx'
end

# chunk is buffer chunk. tmp is destination file for upload
def compress(chunk, tmp)
  # call command or something
end
end
end

'Extractor' is similar to 'Compressor'
See bundled `Compressor`/`Extractor` classes for more detail.

## Website, license, et. al.

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<tr>
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<td>Sadayuki Furuhashi</td>
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</tbody>
</table>

Found in path(s):
* /opt/cola/permits/1229796984_163828013.81/0/fluent-plugin-s3-1-3-2-1-gem/data-tar-gz/README.md

1.1026 fdisk 2.33.1 0.1
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++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.
Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn’t been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.
The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cffe2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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</xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>

</xsl:stylesheet>
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import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:"

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inClass() {
        return true;
    }

    public boolean inInterface() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }

    public boolean inParameter() {
        return true;
    }

    public boolean inReturnType() {
        return true;
    }

    public boolean inType() {
        return true;
    }
}
public boolean inMethod() {
return true;
}
public boolean inOverview() {
return true;
}
public boolean inPackage() {
return true;
}
public boolean inType() {
return true;
}
public boolean isInlineTag() {
return false;
}
public static void register(Map tagletMap) {
CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}
public String toString(Tag tag) {
return toString(new Tag[] { tag });
}
public String toString(Tag[] tags) {
if (tags.length == 0) {
return null;
}
else {
boolean haveValidTag = false;
for (int i = 0; i < tags.length && !haveValidTag; ++i) {
if (tags[i].text().length() > 0) {
haveValidTag = true;
}
}
if (haveValidTag) {
StringBuffer result = new StringBuffer();
result.append("<dl>");
for (int i = 0; i < tags.length; i++) {
if (tags[i].text().length() > 0) {

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#define __java_security_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
class Permission;

class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{
public:

Permission(::java::lang::String *);
virtual void checkGuard(::java::lang::Object *);
virtual jboolean implies(::java::security::Permission *) = 0;
virtual jboolean equals(::java::lang::Object *) = 0;
virtual jint hashCode() = 0;
virtual ::java::lang::String * getName();
virtual ::java::lang::String * getActions() = 0;
virtual ::java::security::PermissionCollection * newPermissionCollection();
virtual ::java::lang::String * toString();

private:

static const jlong serialVersionUID = -5636570222231596674LL;
::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;

public:

static ::java::lang::Class class$;
};

#endif // __java_security_Permission__
Set up some character translations and predefined strings.  \(\text{--}\) will give an unbreakable dash, \(\text{PI}\) will give pi, \(\text{L''}\) will give a left double quote, and \(\text{R''}\) will give a right double quote.  \(\text{C++}\) will give a nicer C++.  Capital omega is used to do unbreakable dashes and therefore won't be available.  \(\text{C'}\) and \(\text{C'}\) expand to `` in nroff, for use with C<<.

```
\text{tr} \text{"W-``}
\text{ds} \text{C'} \text{C''`} \text{C'`}
\text{ds} \text{"}
\text{ie} \text{n
}{\h\text{ds} \text{--} \text{"W-``​}
\text{ds} \text{PI} \text{pi}
\text{if} \text{\(\text{.H}=4u\)\&\((1m=24u)\) .ds} \text{--} \text{"W-`` \text{diablo 10 pitch}
\text{if} \text{\(\text{.H}=4u\)\&\((1m=20u)\) .ds} \text{--} \text{"W-`` \text{diablo 12 pitch}
\text{ds} \text{L''```}
\text{ds} \text{R''```}
\text{ds} \text{C'```}
\text{ds} \text{C'```}
\text{br}\}
\text{el}\}
\text{ie} \text{n\(\text{.g} .ds Aq \text{"aq}
\text{el} .ds Aq \text{"}
\text{\text{" If the F register is >0, we'll generate index entries on stderr for titles (.TH), headers (.SH), subsections (.SS), items (.Ip), and index entries marked with X<> in POD.  Of course, you'll have to process the output yourself in some meaningful fashion.

\text{\text{" Avoid warning from groff about undefined register 'F'.
\text{de IX

```
\text{if} \text{!nF} .nr F 0
\text{if} \text{nF>0} \text{\text{"}
```
if F==2 {
    nr % 0
    nr F 2
}
"
" Accent mark definitions (@(#)ms.acc 1.5 88/02/08 SMI; from UCB 4.2).
" Fear. Run. Save yourself. No user-serviceable parts.
" fudge factors for nroff and troff
.if n \{
    ds #H 0
    ds #V .8m
    ds #F .3m
    ds #\[ \f1
    ds #\] \fP
.if t \{
    ds #H ((1u-(\\n(.fu%2u))*.13m)
    ds #V .6m
    ds #F 0
    ds #[ \&
    ds #] \&
"
" simple accents for nroff and troff
.if n \{
    ds ' \&
    ds ` \&
    ds ^ \&
    ds , \&
    ds ~ ~
    ds /
.if t \{
    ds ' \h'-(\n(.wu*8/10-u*(#H)\v'-u*(#V')
    ds ` \h'-(\n(.wu*8/10-u*(#H)'\v'-.3n'-(#H')
    ds ^ \h'-(\n(.wu*10/11-u*(#H)'\v'-.3n'-(#H')
    ds , \h'-(\n(.wu*8/10)',\h'\v'-.3n'-(#H')
    ds ~ \h'-(\n(.wu-u*(#H)-1m)'\v'-.3n'-(#H')
    ds / \h'-(\n(.wu*8/10-u*(#H)'\v'-.3n'-(#H')
"
" troff and (daisy-wheel) nroff accents
.ds : \h'-(\n(.wu*8/10-\h'+u*(#H)+.1m+u*(#F)\v'-\h'+u*(#V')
.ds 8 \h'-(#H)\v'-u*(#H')
.ds o \h'-(\n(.wu+\h'+(de'u-\h'+(#H))/2u\v'-3n\v'-(#H/(de\w'-3n\h')\v'-(#H)
.ds d- \h'-(#H'(pd\h'-w'-u\v'-.25m\v'2\h'\v'-.25m\h'-u*(#H')
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\Ve
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@end c man end

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/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 *
 * <p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
 *
 * <p><code>Permission</code>'s must be immutable - do not change their
 * state after creation.
 *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 * @see Permissions
 * @see PermissionCollection
 * @since 1.1
 * @status updated to 1.4
 */

public abstract class Permission implements Guard, Serializable
{

/**
 * Compatible with JDK 1.1+.
 */

private static final long serialVersionUID = -5636570222231596674L;

/**
 * This is the name assigned to this permission object.
 */

private String name;
/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in
 * <code>SecurityManager</code> with this <code>Permission</code> as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 *
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 *
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
* This method returns a hash code for this `<code>Permission</code>`. It
* must satisfy the contract of `<code>Object.hashCode</code>`: it must be
* the same for all objects that equals considers to be the same.
* 
* @return a hash value
*/
public abstract int hashCode();

/**
* Get the name of this `<code>Permission</code>`.
* 
* @return the name
*/
public final String getName()
{
    return name;
}

/**
* This method returns the list of actions for this `<code>Permission</code>`
* as a `<code>String</code>`. The string should be in canonical order, for
* example, both `<code>new FilePermission(f, "write,read")</code>` and
* `<code>new FilePermission(f, "read,write")</code>` have the action list
* "read,write".
* 
* @return the action list for this `<code>Permission</code>`
*/
public abstract String getActions();

/**
* This method returns an empty `<code>PermissionCollection</code>` object
* that can store permissions of this type, or `<code>null</code>` if no
* such collection is defined. Subclasses must override this to provide
* an appropriate collection when one is needed to accurately calculate
* `<code>implies</code>`. 
* 
* @return a new `<code>PermissionCollection</code>`
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
* This method returns a `<code>String</code>` representation of this
* `<code>Permission</code>` object. This is in the format:
* `<code>(' + getClass().getName() + ' + getName() + ' + getActions
* + ')'</code>`.
public String toString() {
    CPStringBuilder string = new CPStringBuilder();
    string = string.append('(
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }
    string = string.append(')');
    return string.toString();
} // class Permission

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    Version 2.1, February 1999

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That's all there is to it!
16-gnu/javax/sound/AudioSecurityManager$Permissionjava/lang/EnumPLAY1Lgnu/javax/sound/AudioSecurityMa

Permission$RECORDALENUM$VALUES2[Lgnu/java/javax/sound/AudioSecurityManager$Permission;<clinit
>
()VCode
<init>(Ljava/lang/String;I)V

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$&%java/lang/System'(arraycopy*(Ljava/lang/Object;ILjava/lang/Object;II)V

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yManager$Permission;

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine bytecode, into TargetCode. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

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#
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#
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#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
        sys.stderr.write(string + '
')
        self.num_errors += 1

    def ok(self):
        return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
        ''])
'gpl_v3.texi',
'fdl-1.3.xml',
'gpl-3.0.xml',

# Skip auto- and libtool-related files
'aclocal.m4',
'compile',
'config.guess',
'config.sub',
'decomp',
'install-sh',
'libtool.m4',
'ltmain.sh',
'ltoptions.m4',
'ltstools.m4',
'ltversion.m4',
'lt~obsolete.m4',
'missing',
'mkdep',
'mkinstalldirs',
'move-if-change',
'shlibpath.m4',
'symlink-tree',
'ylwrap',

# Skip FSF mission statement, etc.
'gnu.texi',
'funding.texi',
'appendix_free.xml',

# Skip imported texinfo files.
'texinfo.tex',
]
}

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog '):
        # Ignore references to copyright in changelog entries.
        return re.compile ('	')

    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog '):
        # Ignore references to copyright in changelog entries.
        return re.compile ('	')

    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
return True

if extension == '.in':
    # Skip .in files produced by automake.
    if os.path.exists (base + '.am'):
        return True

    # Skip files produced by autogen
    if (os.path.exists (base + '.def')
        and os.path.exists (base + '.tpl')):
        return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists (base + '.ac'):
            return True
        if os.path.exists (base + '.in'):
            return True
    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9][-0-9,\s]*[0-9]'

        # Non-whitespace characters in a copyright holder's name.
        name = '[\w-]+'

        # Matches one year.
        self.year_re = re.compile ('[0-9]+')
# Matches part of a year or copyright holder.
self.continuation_re = re.compile (ranges + '|\[' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile (  
    # 1: 'Copyright (C)', etc.
    '([Cc]opyright'  
    '|([Cc]opyright\s+\([Cc]\)'  
    '|([Cc]opyright\s+\%s'  
    '|([Cc]opyright\s+&copy;)'  
    '|([Cc]opyright\s+@copyright\s+)'  
    '|copyright = \u''  
    '|@set\s+copyright\s+\w-\)+')

# 2: the years. Include the whitespace in the year, so that
# we can remove any excess.
'(\s*(?:' + ranges + ',?  
    '|@value\{[^{}]*\})\s*)'  

# 3: 'by ', if used
'(by\s+)?'  

# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(\s*\w*\s+)'  

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile ('copyright.*[0-9][0-9]',  
    re.IGNORECASE)

self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c|dnl ')  
self.holders = { '@copying': '@copying'  
self.holder_prefixes = set()  

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ',', '.
self.separator = '

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
self.holders[holder] = canon_form
index = holder.find (’ ’)
while index >= 0:
    self.holder_prefixes.add (holder[:index])
    index = holder.find (’,’, index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return ‘unrecognised year: ’ + self.year

def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
    elif len (string) == 4:
        return year
    raise self.BadYear (string)

def year_range (self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith (‘@value’):
        return years

    (min_year, max_year) = self.year_range (years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)
# Use a range.
if min_year == max_year:
    return '%d' % min_year
else:
    return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):
    line = line.lstrip()
    match = self.comment_re.match(line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != ':
            self.errors.report(pathname,
                'trailing characters in @set: ' + after_years)
            return (False, orig_line, next_line)
        else:
            # If it looks like the copyright is incomplete, add the next line.
            while not self.is_complete(match):
                try:
                    next_line = file.next()
                except StopIteration:
                    break

                # If the next line doesn’t look like a proper continuation,
                # assume that what we’ve got is complete.
                continuation = self.strip_continuation(next_line)
                if not self.continuation_re.match(continuation):
                    break
# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
match = self.copyright_re.match (line, match.start())
assert match

holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname,
                        'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
        return (False, orig_line, next_line)

    line = (line[:match.start (2)]]
if intro.startswith('copyright = '):
    intro += ' (C)'
else:
    intro += canon_form + self.separator

line = line[:match.start(2)] + intro + line[match.end(2):]

# Strip trailing whitespace
line = line.rstrip() + '
'

return (line != orig_line, line, next_line)

def process_file(self, dir, filename, filter):
    pathname = os.path.join(dir, filename)
    if filename.endswith('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove(pathname)
        except OSError:
            pass
        return

    lines = []
    changed = False
    line_filter = filter.get_line_filter(dir, filename)
    with open(pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match(line)):
                    match = self.copyright_re.search(line)
                    if match:
                        res = self.update_copyright(dir, filename, filter,
                                                     file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed

                # Check for copyright lines that might have slipped by.
                elif self.other_copyright_re.search(line):
                    self.errors.report(pathname,
                                       'unrecognised copyright: %s
                                       % line.strip()')
lines.append (line)
line = next_line

# If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
    with open (tmp_pathname, 'w') as file:
        for line in lines:
            file.write (line)
    if self.use_quilt:
        subprocess.call (['quilt', 'add', pathname])
    os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option ('--help', 'Print this help', self.o_help)
        self.add_option ('--quilt', '"quilt add" files before changing them',
                        self.o_quilt)
        self.add_option ('--this-year', 'Add the current year to every notice',
                        self.o_this_year)

    def add_option (self, name, help, handler):
        self.option_help.append ((name, help))
        self.option_handlers[name] = handler
def add_dir(self, dir, filter=GenericFilter()):
    self.dirs.append((dir, filter))

def o_help(self, option=None):
    sys.stdout.write('Usage: %s [options] dir1 dir2...

    Options:
' % sys.argv[0])
    format = '%-15s %s
'
    for (what, help) in self.option_help:
        sys.stdout.write(format % (what, help))
    sys.stdout.write('
Directories:
')
    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len(self.dirs):
            sys.stdout.write(dir + '
')
        else:
            sys.stdout.write(format % dir)
    sys.exit(0)

def o_quilt(self, option):
    self.copyright.set_use_quilt(True)

def o_this_year(self, option):
    self.copyright.include_year(time.localtime().tm_year)

def main(self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append(arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg](arg)
        else:
            self.errors.report(None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len(self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len(self.chosen_dirs) == 0:
            self.o_help()
        else:
            for chosen_dir in self.chosen_dirs:
                canon_dir = os.path.join(chosen_dir, '')
                count = 0
                for (dir, filter) in self.dirs:
                    if (dir + os.sep).startswith(canon_dir):
                        count += 1
                self.copyright.process_tree(dir, filter)
if count == 0:
    self.errors.report (None, 'unrecognised directory: ' + chosen_dir)
    sys.exit (0 if self.errors.ok() else 1)

#---------------------------------

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
                    return True
            return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set (['
            # Not part of GCC
            'math-68881.h',
        '])

        self.skip_dirs |= set (['
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        '])

        self.skip_extensions |= set (['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ']
self.fossilised_files |= set([
    # Old news won't be updated.
    'ONEWS',
])

class TestsuiteFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set([
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

    def skip_file (self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
            return True

        return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set([
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set([
            # Used in CloudCenter Suite Admin 5.3.0 17396
        ])

Open Source Used In CloudCenter Suite Admin 5.3.0 17396
# Imported from GLIBC.
'soft-fp',
])

class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        )

    def get_line_filter (self, dir, filename):
        if filename == 'NameDecoder.h':
            return re.compile (".*NAME_COPYRIGHT")
        if filename == 'ICC_Profile.h':
            return re.compile (".*icSigCopyrightTag")
        return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (
            # Handled separately.
            'testsuite',
        )

class LibStdCxxFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set (
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        )

        self.skip_dirs |= set (
            # Contains automatically-generated sources.
            'html',
        )
# The testsuite data files shouldn't be changed.
'data',

# Contains imported images
'images',
]

self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
    ])

def get_line_filter(self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile('// \(C\) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright(Copyright):  
def __init__(self, errors):
    Copyright.__init__(self, errors)
    canon_fsf = 'Free Software Foundation, Inc.'
    self.add_package_author('Free Software Foundation', canon_fsf)
    self.add_package_author('Free Software Foundation.', canon_fsf)
    self.add_package_author('Free Software Foundation Inc.', canon_fsf)
    self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
    self.add_package_author('The Free Software Foundation', canon_fsf)
    self.add_package_author('The Free Software Foundation, Inc.', canon_fsf)
    self.add_package_author('Software Foundation, Inc.', canon_fsf)
    self.add_package_author('ARM')
    self.add_package_author('AdaCore')
    self.add_package_author('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
    self.add_package_author('Cavium Networks.')
    self.add_package_author('Faraday Technology Corp.')
    self.add_package_author('Florida State University')
    self.add_package_author('Greg Colvin and Beman Dawes.')
    self.add_package_author('Hewlett-Packard Company')
    self.add_package_author('Information Technology Industry Council.')
    self.add_package_author('James Theiler, Brian Gough')
    self.add_package_author('Makoto Matsumoto and Takuji Nishimura,')
    self.add_package_author('National Research Council of Canada.')
    self.add_package_author('NVIDIA Corporation')
    self.add_package_author('Peter Dimov and Multi Media Ltd.')
    self.add_package_author('Peter Dimov')
    self.add_package_author('Pipeline Associates, Inc.')
class GCCCmdLine(CmdLine):
    def __init__(self):
        CmdLine.__init__(self, GCCCopyright)

        self.add_dir('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir('fixincludes')
        self.add_dir('gcc', GCCFilter())
        self.add_dir(os.path.join('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir('gnatools')
        self.add_dir('include')
        self.add_dir('libada')
        self.add_dir('libatomic')
        self.add_dir('libbacktrace')
        self.add_dir('libcpp', LibCppFilter())
        self.add_dir('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir('libgcc', LibGCCFilter())
        self.add_dir('libgfortran')
        self.add_dir('libgomp')
        self.add_dir('libiberty')
        self.add_dir('libitm')
        self.add_dir('libjava', LibJavaFilter())
        self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
        self.add_dir('libmudflap', LibMudflapFilter())
        self.add_dir(os.path.join('libmudflap', 'testsuite'), TestsuiteFilter())
        self.add_dir('libobjc')
        self.add_dir('libquadmath')
        # libsanitiser is imported from upstream.
        self.add_dir('libssp')
        self.add_dir('libstdc++-v3', LibStdCxxFilter())
        self.add_dir('libvtv')
        self.add_dir('lto-plugin')
# zlib is imported from upstream.

```python
self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]
```

GCCCmdLine().main()

```java
ConstantValue

```
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\begin{verbatim}
1 java/security/Permission
2 java/lang/Object
3 java/security/Guard
4 java/io/Serializable
5 serialVersionUID
6 ConstantValue
7 name
8 (Ljava/lang/String;)
9 <init>(Ljava/lang/String;)
10 VCode
11 ()VLine
12 NumberTable
13 LocalVariableTable
14 this
15 java/security/Permission;
16 V
c
21 ! java/lang/System
22 "#getSecurityManager()
23 java/lang/SecurityManager;
24 %'
25 java/lang/SecurityManager
26 (checkPermission(Ljava/security/Permission;)V
27 Vobj
28 java/lang/Object;
29 sm
30 java/lang/SecurityManager;
31 implies(Ljava/security/Permission;)
32 Zequals(Ljava/lang/Object;)
33 ZhashCode()
34 Vget
35 Name(Ljava/lang/Object;)
36 Vjava/lang/String;
37 getActions
38 newPermissionCollection()
39 ()Ljava/security/PermissionCollection;
40 toString;
41 gnu/java/lang/CPStringBuilder;
42 Ljava/security/PermissionCollection;
43 toString;
44 gnu/java/lang/CPStringBuilder;
45 new
46 getActions;
47 new
48 PermissionCollection;
49 ()Ljava/security/PermissionCollection;
50 toString;
51 gnu/java/lang/CPStringBuilder;
52 String;
53 gnu/java/lang/CPStringBuilder;
54 Ljava/security/PermissionCollection;
55 getClass();
56 Ljava/lang/Class;
57 F
58 **+{[]}

XM.,*\$nop
q **+
.-/012345/*6578,95S:Y<IL+=(L+*AEIL+=L+*LIL=*MOQ+=L+*MIL+=L+U*
"+7>GNKWXZ

// DO NOT EDIT THIS FILE - it is machine generated -*. c++ -*-

#define __java_security_acl_Permission__

#pragma interface
\end{verbatim}
class java::security::acl::Permission : public ::java::lang::Object
{

public:
 virtual jboolean equals(::java::lang::Object *) = 0;
 virtual ::java::lang::String * toString() = 0;
 static ::java::lang::Class class$;
 } __attribute__ ((java_interface));

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.
The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mitiame.mitia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied Linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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adapted to BSD conventions for symbol names and debugging.)
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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.'s to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */
#define ASM_OUTPUT_SKIP(FILE,SIZE)  
fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED\"un\", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */
#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
(fputs (".comm ", (FILE)),
 assemble_name ((FILE), (NAME)),
fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */
#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
(fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
(fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */
#define ASM_OUTPUT_ALIGN(FILE,LOG)
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label where

PREFIX is the class of label and NUM is the number within the class. This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)\    
sprintf ((BUF), "*/%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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exception statement from your version. */

package java.security.acl;

/**
 * This interface provides information about a permission that can be
 * granted. Note that this is *not* the same as the class
 * <code>java.security.Permission</code>.
 * *
 * @version 0.0
 * *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 * /
public interface Permission
{
 /**
 * This method tests whether or not a specified <code>Permission</code>
 * (passed as an <code>Object</code>) is the same as this permission.
 * *
 * @param perm The permission to check for equality
 * *
 * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
 * */
 boolean equals (Object perm);

 /**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 * *
 * @return A <code>String</code> representing this permission.
 * */
 String toString();
}

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fdlimb contains general algorithms useful for runtimes and compilers to support strict double and float mathematical operations.

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define __gnu_javax_sound_AudioSecurityManager$Permission__
#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
  namespace gnu
  {
    namespace javax
    {
      namespace sound
class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{

    AudioSecurityManager$Permission(::java::lang::String *, jint);

public:
    static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
    static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
    static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
    static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
public:
    static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

1.1038 liblmdb0 0.9.22 1

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language
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Version 3.1, 31 March 2009

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1.1044 debian-archive-keyring 2017.5

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1.1045 base-files 10.3+deb10u7

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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### GPL v2
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## xwd v1.0.7

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1.1057 libdebconfclient0 0.249

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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
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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cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta_1_2.pod
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cpan/Locale-Maketext-Simple/t/po_with_i_default/fr.po
cpan/Locale-Maketext-Simple/t/po_with_i_default/en.po
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dist/ExtUtils-Install/*
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dist/I18N-Collate/*
dist/Safe/*
ext/Fcntl/*
ext/FileCache/*
ext/GDBM_File/*
ext/IPC-Open2/*
ext/IPC-Open3/*
ext/NDBM_File/*
ext/ODBM_File/*
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ext/PerlIO-encoding/*
ext/PerlIO-scalar/*
ext/PerlIO-via/*
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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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==============

A. HISTORY OF THE SOFTWARE
============================

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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===========================================================

Mersenne Twister
----------------

The `_random` module includes code based on a download from `http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html`. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed) or init_by_array(init_key, key_length).
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Any feedback is very welcome.
http://www.math.keio.ac.jp/matsumoto/emt.html
email: matumoto@math.keio.ac.jp

Sockets
-------

The `socket' module uses the functions, `getaddrinfo', and `getnameinfo', which are coded in separate source files from the WIDE Project, `http://www.wide.ad.jp/about/index.html'.

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UUencode and UUdecode functions
---------------------------------
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

XML Remote Procedure Calls

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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
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1.1072 perl-base 5.28.1 6

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,
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--------------------------------------------------------------------------
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1.1081 systemd-devel 219-78.el7_9.3

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-------------------------------------------------------------------------------
Files: install-sh
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-- vile: txtmode file-encoding=utf-8
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-- vile: txtmode fc=72
-- $Id: COPYING,v 1.4 2016/01/02 20:24:37 tom Exp $
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This package was put together by Vaidhyanathan G Mayilrangam <vaidhy@debian.org> and Joel Klecker <espy@debian.org>, using sources obtained from ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.0.tar.gz. Current versions of the ncurses sources are found at ftp://invisible-island.net/ncurses/.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>, Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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1.1090 python2-jmespath 0.9.4-2.el7

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1.1091 cpio 2.11-28.el7

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---------------------------------------------------------------------------

pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

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- AES

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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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1.1117 curl 7.29.0-59.el7_9.1

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zlib http://www.gzip.org/zlib/zlib_license.html

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krb4

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1.1118 dracut-config-rescue 033-572.el7

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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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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
and the initial implementation of incremental propagation, including
the following new or changed files:

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
    lib/krb5/error_tables/kdb5_err.et
    slave/kpropd_rpc.c
    slave/kproplg.c

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1.1135 perl-time-hires 1.9725 3.el7

1.1136 python-minimal 3.8.2 0ubuntu2

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Breitbrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of
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py3compile, py3clean and debpython module:

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1.1137 sysvinit-tools 2.88 14.dsf.el7

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* in C (faster - it is executed many times during system startup).
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DRuntime: Runtime Library for the D Programming Language

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When you use GCC to compile a program, GCC may combine portions of
certain GCC header files and runtime libraries with the compiled
program. The purpose of this Exception is to allow compilation of
non-GPL (including proprietary) programs to use, in this way, the
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0. Definitions.

A file is an "Independent Module" if it either requires the Runtime
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interface provided by the Runtime Library, but is not otherwise based
on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without
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target processor architecture, in executable form or suitable for
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format that is used as a compiler intermediate representation, or used
for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

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Version 3, 29 June 2007

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1.1152 mii-tool 1.60_git20140218 r2

1.1153 netcat-openbsd 1.130-r2
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To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

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* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
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* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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Regards, Kurt

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From 74d64d0eb245ce07383abcd444c23e7438e8a083 Mon Sep 17 00:00:00 2001
From: Howard Chu <hyc@openldap.org>
Date: Wed, 28 Dec 2016 18:32:14 +0000
Subject: [PATCH] ITS#8554 kFreeBSD is like BSD

 Doesn't have POSIX robust mutexes - GNU userland on BSD kernel
---
libraries/liblmdb/mdb.c | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
diff --git a/libraries/libmdb/mdb.c b/libraries/libmdb/mdb.c
index 7a181d4..23c1f00 100644
--- a/libraries/libmdb/mdb.c
+++ b/libraries/libmdb/mdb.c
@@ -120,7 +120,7 @@ typedef SSIZE_T ssize_t;
 #include <resolv.h> /* defines BYTE_ORDER on HPUX and Solaris */
 #endif

-#if defined(__APPLE__) || defined (BSD)
+#if defined(__APPLE__) || defined (BSD) || defined(__FreeBSD_kernel__)
 # define MDB_USE_POSIX_SEM 1
 # define MDB_FDATASYNC fsync
 #elif defined(ANDROID)
--
2.1.4

1.1155 libcbcin 2.28 10
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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

--------------------------------------------------------------------------
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1993 Christopher Seiwald seiwald@vix.com
2000, 2002 Christopher Seiwald <sewald@perforce.com>
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This is the Debian prepackaged version of the GNU diffutils package. GNU `diff' was written by Mike Haertel, David Hayes, Richard Stallman, Len Tower, and Paul Eggert. Wayne Davison designed and implemented the unified output format. GNU `diff3' was written by Randy Smith. GNU `sdiff' was written by Thomas Lord. GNU `cmp' was written by Torbjorn Granlund and David MacKenzie.

The source for this release was obtained from

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1.1167 libpcrecpp0v5 2:8.39 12

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This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

THE BASIC LIBRARY FUNCTIONS

-----------------------------

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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End

1.1168 ncursesbin 6.2 0ubuntu2

1.1168.1 Available under license :

This is the Debian prepackaged version of the ncurses library and terminfo utilities. ncurses/terminfo was originally written by Pavel Curtis and Zeyd M. Ben-Halim <zmbenhal@netcom.com>, and is currently held by the Free Software Foundation.

This package was put together by Vaidhyanathan G Mayilrangam <vaidhy@debian.org> and Joel Klecker <espy@debian.org>, using sources obtained from ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.0.tar.gz.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>, Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray)
Changes:
* added Debian package maintenance system files
* changed Makefile.in's to compile with -D_REENTRANT
* changed configure.in to support proper compilation of debugging libraries
* Fixed tget{flag,num,str} in lib_termcap ("long" strings work now)

Changes to terminfo.src:
* Removed ich(1) from linux, screen, vt320

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1.1175 virtualenv 15.1.0

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* configure.ac, Makefile.am: The original versions were derived from the
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Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were
derived from the ones in the Monotone project, revision
3a0982da308228d796df35f98d787c5c9ff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
These files were derived from the file_handle, systembuf, pipe and pistream
classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk,
admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,
except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

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   (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
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normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
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It may happen that this requirement contradicts the license
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library, provided that the separate distribution of the work based on
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   a) Accompany the combined library with a copy of the same work
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      facilities. This must be distributed under the terms of the
      Sections above.

   b) Give prominent notice with the combined library of the fact
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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

-----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

Nathan Neulinger
Email: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.
the original license (before moving to sourceforge -- aka, 2.7) was not GPL-2 ... it was a modified artistic license ... i didn't notice the license change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless their applications are also GPL-2 which imo is just wrong. it isn't the place of a library to dictate to application writes what license they should be using. thus LGPL-2.1 enters to fill this void.

--mike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li... [mailto:cracklib-devel-bounces@li...]
> On Behalf Of Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>
> > I understand that, and you're welcome to bring it up with Alec directly
> > and see if he wants to relicense his code as LGPL... but at this point,
> > it was enough to just get it consistent and documented as to what it was
> > released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.
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GPL-2 ... it was a modified artistic license ... i didn't notice the license
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thus LGPL-2.1 enters to fill this void.

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > additional code, so whatever licensing y'all come up with is fine
> > by me.
> >
> > I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL....

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > additional code, so whatever licensing y'all come up with is fine
> > by me.
I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?
>
> yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?
> >
> > yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike
Below is original licensing discussion re changing to GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43) by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47]) by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxptr020623 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142]) by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311 for <nneul@neulinger.org>; Mon, 01 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3]) by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1hcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k1iddac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k1iddac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Any chance you could write me a self-contained email stating clearly
that the license is being changed to GPL, so I could include that
email
in the repository and clean up the repository/tarballs? I have all the
original discussion, but something succinct and self contained
would be
ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.1193 domain-name 0.5.20180417

1.1193.1 Available under license:
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* lib/domain_name/punycode.rb

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mpi/hppa1.1/addr-qrnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
------------------
Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8d51a88a045db233418dd73fbe bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout---------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsize bsize cpg]
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

--------------
b5c121c2091b2ff26b880551feac7112 bsd.img

---layout---------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsize bsize cpg]
a: 4096 6144 2049 4.2BSD 0 0 0
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

--------------
Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

<table>
<thead>
<tr>
<th>Device</th>
<th>Type</th>
<th>FS Type</th>
<th>Flags</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>unused</td>
<td>5</td>
<td>4.1BSD</td>
</tr>
<tr>
<td>1</td>
<td>swap</td>
<td>6</td>
<td>Eighth Edition</td>
</tr>
<tr>
<td>2</td>
<td>Version 6</td>
<td>7</td>
<td>4.2BSD</td>
</tr>
<tr>
<td>3</td>
<td>Version 7</td>
<td>8</td>
<td>MS-DOS</td>
</tr>
<tr>
<td>4</td>
<td>System V</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.1205 libtinfo 6.1+20181013-2

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Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

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# Contributions to the urllib3 project

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## Contributors

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* victor.vde <http://code.google.com/u/victor.vde/>
* HTTPS patch (which inspired HTTPSConnectionPool)
* erikcederstrand <http://code.google.com/u/erikcederstrand/>
* NTLM-authenticated HTTPSConnectionPool
* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
* Client-verified SSL certificates for HTTPSConnectionPool
* Response gzip and deflate encoding support
* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
* Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
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* Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
* Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
* IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
* Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
* Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
* Support for TLS SNI
* API unification of ssl_version/cert_reqs
* SSL fingerprint and alternative hostname verification
* Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
* Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
* Various bugfixes and test improvements.
* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations
* Josh Schneier <https://github.com/jschneier>
* HTTPHeaderDict and associated tests and docs
* Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
* Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
* source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
* PEP8 Compliance and Linting
* Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
* Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
* Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
* Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
* Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
* Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
* Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
* Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
* Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
* Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
* IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
* App Engine environment tests.

* John Krauss <https://github.com/talos>
* Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
* History list to Retry object.
* HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]
  
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* /opt/cola/permits/1108595587_1606173947.41/0/snakeyaml-1-24-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml
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Manifest-Version: 1.0
Automatic-Module-Name: org.yaml.snakeyaml
Bnd-LastModified: 1551381751434
Build-Jdk: 11.0.2
Built-By: alex13
Bundle-Description: YAML 1.1 parser and emitter for Java
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: SnakeYAML
Bundle-SymbolicName: org.yaml.snakeyaml
Bundle-Version: 1.24.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.yaml.snakeyaml;version="1.24",org.yaml.snakeyaml.composer;version="1.24",org.yaml.snakeyaml.constructor;version="1.24",org.yaml.snakeyaml.emitter;version="1.24",org.yaml.snakeyaml.error;version="1.24",org.yaml.snakeyaml.events;version="1.24",org.yaml.snakeyaml.extensions.compactnotation;version="1.24",org.yaml.snakeyaml.intr
1.1209 sudo 1.8.23-10.el7_9.2

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Jean-loup Gailly  Mark Adler
jloup@gzip.org    madler@alumni.caltech.edu

The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
Beverly, Jamie
Boardman, Spider
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Piete
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
ek, Vitezslav
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Espiovich, Marc
Espie, Marc
Faison, Ariel
Farrell, Brian
Fobes, Steve
Frynsinger, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, Yoshifuji
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Juhani, Timo
Kikuchi, Ayamura
Kadow, Kevin
Kosal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
The following people have worked to translate sudo into other languages:

Ruusame, Elan
Ryabinkin, Eygene
Sato, Yuichi
Sánchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
Todd, Giles
Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John
Blttermann, Mario
Bogusz, Jakub
Buo-ren, Lin
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Fontenelle, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frederic
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
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Marchal, Frederic
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Spingos, Dimitris
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1.1210 ssl-client 1.31.1 r9

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1.1211 kbd-misc 1.15.5 15.el7

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rJ 0'0x'00'xp`'lvff`'```````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````````
/* A Bison parser, made by GNU Bison 2.6.4. */

/* Bison interface for Yacc-like parsers in C


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#ifndef YY_YY_LOADKEYS_H_INCLUDED
#define YY_YY_LOADKEYS_H_INCLUDED
/* Enabling traces. */
#ifndef YYDEBUG
#define YYDEBUG 0
#endif
#if YYDEBUG
extern int yydebug;
#endif
/* Tokens. */
#ifndef YYTOKENTYPE
#define YYTOKENTYPE
#endif

/* A Bison parser, made by GNU Bison 2.6.4. */

/* Bison interface for Yacc-like parsers in C


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#ifndef YY_YY_LOADKEYS_H_INCLUDED
#define YY_YY_LOADKEYS_H_INCLUDED
/* Enabling traces. */
#ifndef YYDEBUG
#define YYDEBUG 0
#endif
#if YYDEBUG
extern int yydebug;
#endif
/* Tokens. */
#ifndef YYTOKENTYPE
#define YYTOKENTYPE
#endif
# define YYTOKENTYPE
/* Put the tokens into the symbol table, so that GDB and other debuggers
know about them. */
enum yytokentype {
    EOL = 258,
    NUMBER = 259,
    LITERAL = 260,
    CHARSET = 261,
    KEYMAPS = 262,
    KEYCODE = 263,
    EQUALS = 264,
    PLAIN = 265,
    SHIFT = 266,
    CONTROL = 267,
    ALT = 268,
    ALTGR = 269,
    SHIFTL = 270,
    SHIFTR = 271,
    CTRLLL = 272,
    CTRLR = 273,
    CAPSSHIFT = 274,
    COMMA = 275,
    DASH = 276,
    STRING = 277,
    STRLITERAL = 278,
    COMPOSE = 279,
    TO = 280,
    CCHAR = 281,
    ERROR = 282,
    PLUS = 283,
    UNUMBER = 284,
    ALT_IS_META = 285,
    STRINGS = 286,
    AS = 287,
    USUAL = 288,
    ON = 289,
    FOR = 290
};
#endif
/* Tokens. */
#define EOL 258
#define NUMBER 259
#define LITERAL 260
#define CHARSET 261
#define KEYMAPS 262
#define KEYCODE 263
#define EQUALS 264
#define PLAIN 265
#define SHIFT 266
#define CONTROL 267
#define ALT 268
#define ALTGR 269
#define SHIFTL 270
#define SHIFTR 271
#define CTRL L 272
#define CTRLR 273
#define CAPSSHIFT 274
#define COMMA 275
#define DASH 276
#define STRING 277
#define STRLITERAL 278
#define COMPOSE 279
#define TO 280
#define CCHAR 281
#define ERROR 282
#define PLUS 283
#define UNUMBER 284
#define ALT_Is_META 285
#define STRINGS 286
#define AS 287
#define USUAL 288
#define ON 289
#define FOR 290

#if ! defined YYSTYPE && ! defined YYSTYPE_IS_DECLARED
typedef int YYSTYPE;
#define YYSTYPE_IS_TRIVIAL 1
#define YYSTYPE_IS_DECLARED 1
#endif

extern YYSTYPE yylval;

#ifndef YYPARSE_PARAM
#define YYSTACK_PARAM
#endif /* ! YYPARSE_PARAM */

if ! defined YYSTYPE && ! defined YYSTYPE_IS_DECLARED
typedef int YYSTYPE;
#define YYSTYPE_IS_TRIVIAL 1
#define YYSTYPE_IS_DECLARED 1
#endif

extern YYSTYPE yylval;

#ifndef YYPARSE_PARAM
#define YYSTYPE_PARAM
#endif /* ! YYPARSE_PARAM */

int yyparse (void *YYPARSE_PARAM);
#endif

int yyparse ();
#endif /* ! YYPARSE_PARAM */

int yyparse (void);
#endif /* ! YYPARSE_PARAM */

int yyparse ();
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<tr>
<td>&gt;2</td>
<td>byte</td>
<td>2</td>
<td>256 characters, Unicode index</td>
</tr>
<tr>
<td>&gt;2</td>
<td>byte</td>
<td>3</td>
<td>512 characters, Unicode index</td>
</tr>
<tr>
<td>&gt;2</td>
<td>byte</td>
<td>4</td>
<td>256 characters, Unicode level 2 index</td>
</tr>
<tr>
<td>&gt;2</td>
<td>byte</td>
<td>5</td>
<td>512 characters, Unicode level 2 index</td>
</tr>
<tr>
<td>&gt;3</td>
<td>byte</td>
<td>x</td>
<td>8x%d</td>
</tr>
</tbody>
</table>

# PC Screen (console) Fonts - psf2 header

<table>
<thead>
<tr>
<th>0</th>
<th>lelong</th>
<th>0x864ab572	psf2 screen font data</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;12</td>
<td>lelong&amp;1</td>
<td>1</td>
</tr>
<tr>
<td>&gt;16</td>
<td>lelong</td>
<td>x</td>
</tr>
<tr>
<td>&gt;28</td>
<td>lelong</td>
<td>x</td>
</tr>
<tr>
<td>&gt;24</td>
<td>lelongxb</td>
<td>%d</td>
</tr>
</tbody>
</table>

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.1220 wamerican 2018.04.16 1

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1.1221 libxcb-sync1 1.13.1-2

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1.1222 keyutils-libs 1.6.3-r0
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# Maintainer: Adlie Perl Team <adelie-perl@lists.adelielinux.org>
pkgname=perl-software-license
_pkgreal=Software-License
_author=LEONT
_au=${_author%%"${_author#??}"}
_a=${_author%%"${_author#?}"}
pkgver=0.103014
pkgrel=0
pkgdesc="Perl module for generating prefilled license text"
url="https://metacpan.org/pod/Software::License"
arch="noarch"
license="Artistic-1.0-Perl"
depends="perl perl-data-section perl-text-template perl-try-tiny"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/$_a/$_au/$_author/$_pkgreal-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"
build() {
PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor

Open Source Used In CloudCenter Suite Admin 5.3.0 19564


make
}

check() {
make test
}

package() {
make DESTDIR="$pkgdir" install
find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

sha512sums="8012f9d3e8671bdeba5f2f6790f6cd2f6a0510883bb40115c222c8c685aed6697ba33b3f9df8d853841cd2eeff086d919c9038b6ba7b1057f475b3b63457069d Software-License-0.103014.tar.gz"
# Maintainer: Adelie Platform Group <adelie-devel@lists.adelielinux.org>
pkgnambsd-.compat-headers
pkgver=0.7.1
pkgrel=1
pkgdesc="Compatibility files for building BSD software"
url=" 
arch="noarch"
options="!check" # Just header files.
license="BSD-2-Clause AND BSD-3-Clause"
depends=""
makedepends=""
subpackages=""
source="sys-cdefs.h
sys-queue.h
sys-tree.h
"

package() {
mkdir -p "$pkgdir"
case "$CLIBC" in
musl)
install -D "$srcdir"/sys-cdefs.h "$pkgdir"/usr/include/sys/cdefs.h
install -D "$srcdir"/sys-queue.h "$pkgdir"/usr/include/sys/queue.h
install -D "$srcdir"/sys-tree.h "$pkgdir"/usr/include/sys/tree.h
;;
esac
}

sha512sums="8c3fdd73b696a38e633953715c79c47703739be27ee085fe6c960a57b6746ca05bf6406f7e6126cc1a13204254df5830af8566624e1f298f4fd6b58216013c28 sys-cdefs.h
2f0d5e64dc3350285cfc17099265ddcbe12431c111868eaa39bc8c8eb038a7c1f2acaebb21735c4e9d4a1fd106af0cf08611ea339874f4aba37dde5ce6da0750 sys-queue.h
07cb702f0d8b31e23dd913c6f561fc9885667c5803df3a559676c99d08834b4104589babc5d17b4a0b379c68c81a1cf3173832b3da33a7b936fa7b93706844 sys-tree.h"
# Contributor: Sheila Aman <sheila@vulpine.house>
# Maintainer: Adlie Perl Team <adelie-perl@lists.adelielinux.org>

pkgname=perl-string-copyright
_pkgreal=String-Copyright
_author=JONASS
_au=${_author%%"${_author#??}"}
_a=${_author%%"${_author#?}"}

pkgver=0.003006
pkgrel=0

pkgdesc="Perl module for normalizing copyright text"
url="https://metacpan.org/pod/String::Copyright"
arch="noarch"
license="GPL-3.0+"
depends="perl perl-exporter-tiny perl-number-range"
makedepends="perl-dev"
subpackages="$pkgname-doc"

source="https://cpan.metacpan.org/authors/id/$_a/$_au/$_author/$_pkgreal-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"

build() {
PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
make
}

check() {
make test
}

package() {
make DESTDIR="$pkgdir" install
find "$pkgdir" ( -name perllocal.pod -o -name .packlist ) -delete
}

sha512sums="7852d96cbe465dde14b4c093ff7374f530967412ef95a98703fe838511e405ea9744e4dbfa3148c5a337fc
23b160d8a4866654ad60da1bfb07853263f1c11cd3f String-Copyright-0.003006.tar.gz"

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see http://www.sqlite.org/copyright.html
pkgver=3.4.0
pkgrel=0
pkgdesc="Perl module for regex-matching legal licenses"
url="https://metacpan.org/pod/Regexp::Pattern::License"
arch="noarch"
license="GPL-3.0+"
depends="perl perl-re-engine-re2 perl-regexp-pattern perl-strictures perl-test-regexp-pattern perl-try-tiny"
checkdepends="perl-test-requires"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/$_a/$_au/$_author/$_pkgreal-v$pkgver.tar.gz"
builddir="$srcdir/$pkgreal-v$pkgver"

build() {
  PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
  make
}

check() {
  make test
}

package() {
  make DESTDIR="$pkgdir" install
  find "$pkgdir" \(-name perllocal.pod -o -name .packlist \) -delete
}

# Maintainer:
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=6
pkgdesc="Library for high-performance 2D graphics"
url="https://www.levien.com/libart/
arch="all"
options=":\check" # No test suite.
license="LGPL-2.0+"
depends=""
makedepends=""
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
  default_prepare
  update_config_sub
build() {
    ./configure \ 
    --build=$CBUILD \ 
    --host=$CHOST \ 
    --prefix=/usr
    make
}

package() {
    make DESTDIR="pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4e8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

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1.1223 apt 1.8.2.1

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message
The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl
MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.1231 libcom-err 1.43.4-2
1.1231.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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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
and the initial implementation of incremental propagation, including the following new or changed files:

```
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
```

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CP#vM0oY!L:6]\2z{[CLY]0
RsTk[!r|QuO1OE]FIP+A]XBT99<
0<P9|>s36m3m.5(BCb7S<DF("ka")\oy`r7I%4tU6@AS.SMoOfF3wha!!WImKc)e/eJlF
8BW[\j>\f_\JPPoMd3rFQ+\_3<%<64\j\]\1D5<+NtD+-R\w|xue@F#Em0hu.;.x\{R7V2!vq~AG\EX-
"0h*5x)\x\n]\I59s/w!499X1ii:"P+=22cmR3j]/0o9nLB?N\&(q>=SpPc\ab,6f\v\RS+O/WI[Ny(BM--)~uf$Ng]"_W\(O
0XY[aB"]/U-fQHO[3[b%o]+lq#+_d<QdLd=$1p!h0h6nfN=I+GMRk gKOL3\N3"uGxrIc
zCTJtjSN:SgE11IQ$7*5++V=4Xt9V?r3_Vd2o8h"F8~qM,ZI6=Qgtw|11np#_(-?)zpt;H!E2NzWW_WmA,
FSYzE*-exTWFf|#
rd>kR>aXvXS~"9=USpuaoQb\:k,RD5(fu#`
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### 1.1246 jackson-core 2.10.1

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1.1247 on-headers 1.0.2

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1.1248 libpam-runtime 1.1.8-3.6

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1.1249 ruby 1:2.3.3

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This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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Written by: Philip Hazel
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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

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when it starts in an interactive mode:

    Gnomovision version 69, Copyright (C) year 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
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mouse-clicks or menu items--whatever suits your program.

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school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

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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

This General Public License does not permit incorporating your program into
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[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

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can use it too, but we suggest you first think carefully about whether
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strategy to use in any particular case, based on the explanations
below.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.

Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
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be combined with the library in order to run.

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A "library" means a collection of software functions and/or data
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(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
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included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you
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your rights to work written entirely by you; rather, the intent is to
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In addition, mere aggregation of another work not based on the Library
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Once this change is made in a given copy, it is irreversible for
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subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
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must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference direct the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least
three years, to give the same user the materials specified in
Subsection 6a, above, for a charge no more than the cost of
performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
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It may happen that this requirement contradicts the license
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To apply these terms, attach the following notices to the library.
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effectively convey the exclusion of warranty; and each file should
have at least the "copyright" line and a pointer to where the full
notice is found.

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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@heading Preamble

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For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run
modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users’ freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

@enumerate 0
@item Definitions.

``This License'' refers to version 3 of the GNU General Public License.

``Copyright'' also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

``The Program'' refers to any copyrightable work licensed under this License. Each licensee is addressed as ``you''. ``Licensees'' and ``recipients'' may be individuals or organizations.

To ``modify'' a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ``modified version'' of the earlier work or a work ``based on'' the earlier work.

A ``covered work'' means either the unmodified Program or a work based on the Program.

To ``propagate'' a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the
public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

@item Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require,
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DRuntime: Runtime Library for the D Programming Language

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1.1272 python3-5-minimal 3.5.3-1+deb9u1
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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens. Current maintainer is Matthias Klose <doko@debian.org>.

It was downloaded from http://python.org/

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Python License
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Mersenne Twister

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The `_random' module includes code based on a download from `http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html'. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed) or init_by_array(init_key, key_length).

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Any feedback is very welcome.
http://www.math.keio.ac.jp/matumoto/emt.html
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Sockets
-------

The `socket' module uses the functions, `getaddrinfo', and `getnameinfo', which are coded in separate source files from the WIDE Project, `http://www.wide.ad.jp/about/index.html'.

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History of the software

Python was created in the early 1990s by Guido van Rossum at Stichting
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successor of a language called ABC. Guido remains Python's principal author,
although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National
Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston,
Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to
form the BeOpen PythonLabs team. In October of the same year, the PythonLabs
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Mersenne Twister

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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- Arguments more compliant with Python standard

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--------------------------

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-------

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Solution inspired by code from:

- Samuel Neves (supercop/crypto_auth/siphash24/little)
- djb (supercop/crypto_auth/siphash24/little2)
- Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strconv and dtoa

The file `Python/dtoa.c`, which supplies C functions dtoa and
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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1.1273 e2fsprogs 1.42.9-19.el7

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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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# This is a Makefile stub which handles the creation of BSD shared libraries.
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image::$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::

\$(RM) -rf pic
\$(RM) -f $(BSD_LIB)
\$(RM) -f ../$(BSD_LIB)

This 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

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
- 
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23-June-2007

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* /opt/cola/permits/1108987324_1606239883.44/0/netty-common-4.1.32-final-sources-1.jar/io/netty/util/internal/logging/MessageFormatter.java
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* /opt/cola/permits/1108987324_1606239883.44/0/netty-common-4-1-32-final-sources-1-
  jar/io/netty/util/internal/logging/Log4JLogger.java
* /opt/cola/permits/1108987324_1606239883.44/0/netty-common-4-1-32-final-sources-1-
  jar/io/netty/util/internal/logging/JdkLogger.java
* /opt/cola/permits/1108987324_1606239883.44/0/netty-common-4-1-32-final-sources-1-
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* /opt/cola/permits/1108987324_1606239883.44/0/netty-common-4-1-32-final-sources-1-
  jar/io/netty/util/concurrent/PromiseNotifier.java
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  jar/io/netty/util/ResourceLeakHint.java
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  jar/io/netty/util/internal/UnpaddedInternalThreadLocalMap.java
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  jar/io/netty/util/UncheckedBooleanSupplier.java
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  jar/io/netty/util/internal/PriorityQueue.java
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  jar/io/netty/util/SuppressForbidden.java
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jar/io/netty/util/internal/logging/Slf4JLoggerFactory.java
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* /opt/cola/permits/1108987324_1606239883.44/0/netty-common-4-1-32-final-sources-1.jar/io/netty/util/collection/ShortCollections.java
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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mach/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mach/spnego_mech.c
lib/krb5/kadm5/kadm_host_svc_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
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lib/libgss/g_dsp_status.c
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lib/libgss/g_export_name.c
lib/libgss/g_glue.c
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lib/libgss/g_imp_sec_context.c
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lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.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
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
and the initial implementation of incremental propagation, including

the following new or changed files:

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
    lib/krb5/error_tables/kdb5_err.et
    kprop/kpropd_rpc.c
    kprop/kproplog.c

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1.1288 libpam-runtime 1.3.1 5ubuntu4.3

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----------------------------------------------------------------------

Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the
user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam/modules/pam_motd/pam_motd.c
--- pam.orig/modules/pam_motd/pam_motd.c
+++ pam/modules/pam_motd/pam_motd.c
@@ -97,6 +97,65 @@
}
}

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+        /* Get the password entry */
+        pwd = pam_modutil_getpwnam (pamh, user);
+        if (pwd != NULL) {
+            if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+                pam_syslog(pamh, LOG_ERR,
+                           "Unable to change UID to %d temporarily\n",
+                           pwd->pw_uid);
+                retval = PAM_SESSION_ERR;
+                goto finished;
+            }
+            if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+                goto finished;
+            if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+                goto finished;
+            if (stat(flag, &s) == -1)
+ {  
+    int fd = open("/etc/legal", O_RDONLY, 0);  
+    if (fd >= 0) {  
+        try_to_display_fd(pamh, fd);  
+        close(fd);  
+    }  
+    mkdir(dir, 0700);  
+    f = open(flag, O_WRONLY|O_CREAT|O_EXCL,  
+            S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);  
+    if (f>=0) close(f);  
+ }  
+  
+finished:  
+    if (pam_modutil_regain_priv(pamh, &privs)) {  
+        pam_syslog(pamh, LOG_ERR,  
+                   "Unable to change UID back to \%d\n", privs.old_uid);  
+        retval = PAM_SESSION_ERR;  
+    }  
+    _pam_drop(flag);  
+    _pam_drop(dir);  
+  }  
+  
+  int pam_sm_open_session(pam_handle_t *pamh, int flags,  
+                          int argc, const char **argv)  
+  {  
+    if (motd_dir_path != NULL)  
+        try_to_display_directory(pamh, motd_dir_path);  
+    /* Display the legal disclaimer only if necessary */  
+    retval = display_legal(pamh);  
+    return retval;  
+  }

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on  

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Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

-------------------------------------------------------------------------------

Files: *
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Files: aclocal.m4 package
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This package was put together by Vaidhyanathan G Mayilrangam <vaidhy@debian.org> and Joel Klecker <espy@debian.org>, using sources obtained from ftp://ftp.gnu.org/gnu/ncurses/ncurses-5.0.tar.gz. Current versions of the ncurses sources are found at ftp://invisible-island.net/ncurses/.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>, David Engel <david@elo.ods.com>, Michael Alan Dorman <mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup <jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray) <jdassen@wi.LeidenUniv.nl>, and Galen Hazelwood <galenh@micron.net> over various years.

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@heading END OF TERMS AND CONDITIONS
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@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the `copyright' line and a pointer to where the full notice is found.

@smallexample
@var{one line to give the program's name and a brief idea of what it does.}
Copyright (C) @var{yyyy}  @var{name of author}

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it under the terms of the GNU General Public License as published by
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Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

@example
Gnomovision version 69, Copyright (C) @var{year} @var{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.
@end example

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:

@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
@end example

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- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

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directory:
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- the documentation.

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table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
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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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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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================================================================
Mersenne Twister
-------------

The `_random` module includes code based on a download from
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following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Any feedback is very welcome.
http://www.math.keio.ac.jp/matumoto/emt.html
email: matumoto@math.keio.ac.jp
Sockets
-------

The `socket' module uses the functions, `getaddrinfo', and `getnameinfo', which are coded in separate source files from the WIDE Project, `http://www.wide.ad.jp/about/index.html'.

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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1.1310 mapper-extras 6.8.13

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[role="xpack"]
[testenv="basic"]
[[get-license]]
== Get license API
++++
<titleabbrev>Get license</titleabbrev>
This API enables you to retrieve licensing information.

```
==== Request
`GET /_xpack/license`
```

```
==== Description
This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.
```

```
==== Query Parameters

`local`:
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.
```

```
==== Authorization
You must have `monitor` cluster privileges to use this API.
For more information, see <<security-privileges>>.
```

```
==== Examples
The following example provides information about a trial license:

[source,js]
-----------------------------
GET _xpack/license
-----------------------------
// CONSOLE

[source,js]
-----------------------------
{

```
"license" : {
    "status" : "active",
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type" : "trial",
    "issue_date" : "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis" : 1540073112332,
    "expiry_date" : "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis" : 1542665112332,
    "max_nodes" : 1000,
    "issued_to" : "test",
    "issuer" : "elasticsearch",
    "start_date_in_millis" : -1
}
}

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE[s/"basic"/$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/]
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]
// TESTRESPONSE[s/1542665112332/$body.license.expiry_date_in_millis/]
// TESTRESPONSE[s/1000/$body.license.max_nodes/]
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20455
<div class="commit-tease">
  <span class="float-right">
    <a class="commit-tease-sha" href="/vt-middleware/cryptacular/commit/6dd6f199ac3ecc3b4c5aef9e04be3bbe265a30a1" data-pjax>
      6dd6f19
    </a>
  </span>
  <div>
    <img alt="@dfish3r" class="avatar" height="20" src="https://avatars6.githubusercontent.com/u/1051499?v=4&s=40" width="20" />
    <a href="/dfish3r" class="user-mention" rel="contributor">dfish3r</a>
    <a href="/vt-middleware/cryptacular/commit/6dd6f199ac3ecc3b4c5aef9e04be3bbe265a30a1" class="message" data-pjax="true" title="Update year in notice.">Update year in notice.</a>
  </div>
</div>

<button type="button" class="btn-link muted-link contributors-toggle" data-facebox="#blob_contributors_box">
  <strong>1</strong>
</button>

<div id="blob_contributors_box" style="display:none">
  <h2 class="facebox-header" data-facebox-id="facebox-header">Users who have contributed to this file</h2>
  <ul class="facebox-user-list" data-facebox-id="facebox-description">
    <li class="facebox-user-list-item">
      <img alt="@dfish3r" height="24" src="https://avatars4.githubusercontent.com/u/1051499?v=4&amp;s=48" width="24" />
      <a href="/dfish3r">dfish3r</a>
    </li>
  </ul>
</div>

<div class="file">
  <div class="file-header">
    <div class="file-actions">
      <a href="/vt-middleware/cryptacular/raw/master/NOTICE" class="btn btn-sm BtnGroup-item" id="raw-url">Raw</a>
    </div>
  </div>
  <div class="file-body">
    <pre>
      Update year in notice.
    </pre>
  </div>
</div>
Cryptacular Java Library

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### Delete license API

#### Request

```
DELETE /_xpack/license
```

#### Description

This API enables you to delete licensing information.

```
'DELETE /_xpack/license`
```
When your license expires, `{xpack}` operates in a degraded mode. For more information, see `{stack-ov}/license-expiration.html`[License expiration].

[float]
==== Authorization

You must have `manage` cluster privileges to use this API. For more information, see `<<security-privileges>>`.

[float]
==== Examples

The following example queries the info API:

[source,js]
------------------------------------------------------------
DELETE _xpack/license
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:

[source,js]
------------------------------------------------------------
{
  "acknowledged": true
}
------------------------------------------------------------

// NOTCONSOLE
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The 35 level includes frequency classes 2-6 and words appearing in at least 11 of 12 dictionaries as indicated in the 12Dicts package. All words from the 12Dicts package have had likely inflections added via my inflection database.

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The 80 level includes the ENABLE word list, all the lists in the ENABLE supplement package (except for ABLE), the ”UK Advanced Cryptics Dictionary” (UKACD), the list of signature words in from YAWL package, and the 10,196 places list from the MWords package.

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[[java-rest-high-delete-license]]

```java
== Delete License
```

[[java-rest-high-delete-license-execution]]

```java
==== Execution
```

The license can be deleted using the `deleteLicense()` method:

```java
["source","java",subs="attributes,callouts,macros"]
```
The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

Called when the execution is successfully completed. The response is provided as an argument

Called in case of failure. The raised exception is provided as an argument
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The snowball stopword lists in
analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
The full snowball package is available from
http://snowball.tartarus.org/

The KStem stemmer in
analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
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The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.
The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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This API enables you to update your license.

`PUT _xpack/license`

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

`acknowledge`::
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

`licenses`::
(array) A sequence of one or more JSON documents containing the license information.

If `{es}` `{security-features}` are enabled, you need `manage` cluster privileges to install the license.
If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

[float]

==== Examples

The following example updates to a basic license:

[source,js]

```
POST _xpack/license
{
 "licenses": [
  {
   "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
   "type": "basic",
   "issue_date_in_millis": 1411948800000,
   "expiry_date_in_millis": 1914278399999,
   "max_nodes": 1,
   "issued_to": "issuedTo",
   "issuer": "issuer",
   "signature": "xx"
  }
 ]
}
```

// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]

```
[source,shell]

curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]

```
gc \license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```
In these examples,

* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

```
{  
  "acknowledged": false,  
  "license_status": "valid",  
  "acknowledge": {  
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",  
    "watcher": [  
      "Watcher will be disabled"
    ],  
    "logstash": [  
      "Logstash will no longer poll for centrally-managed pipelines"
    ],  
    "security": [  
      "The following X-Pack security functionality will be disabled: ...
    ]  
  }  
}
```

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

```
POST _xpack/license?acknowledge=true
```

```javascript
{  
  "licenses": [  
    {  
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic"
    }
  ]
}
```
"issue_date_in_millis":1411948800000,
"expiry_date_in_millis":1914278399999,
"max_nodes":1,
"issued_to":"issuedTo",
"issuer":"issuer",
"signature":"xx"
}
]

// CONSOLE

// TEST[skip:license testing issues]

Alternatively:

[source,sh]
------------------------------------------------------------
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json"
-d @license.json
------------------------------------------------------------

// NOTCONSOLE

For more information about the features that are disabled when you downgrade your license, see {stack-ov}/license-expiration.html[License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting
languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can
  parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##
* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##
* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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```java
=== Get License

<= Get License

=== Execution

The license can be added or updated using the `getLicense()` method:

```java
== Execution

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
== Asynchronous Execution

This request can be executed asynchronously:
The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

1. Called when the execution is successfully completed. The response is provided as an argument
2. Called in case of failure. The raised exception is provided as an argument

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[[java-rest-high-put-license]]
=== Update License

[[java-rest-high-put-license-execution]]
==== Execution

The license can be added or updated using the `putLicense()` method:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
--------------------------------------------------

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if \{xpack\} is installed but not much else.

<2> A JSON document containing the license information.
The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```
<1> The status of the license
<2> Make sure that the license is valid.
<3> Check the acknowledge flag. It should be true if license is acknowledged.
<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
<5> and check component-specific messages in `acknowledgeMessages()`.
```

Asynchronous Execution

This request can be executed asynchronously:

```
<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```
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[[license-settings]]

=== {xpack} License Settings
++++
<titleabbrev>License Settings</titleabbrev>
++++

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see {stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`::
Set to `basic` (default) to enable basic {xpack} features. +
+
--
If set to `trial`, the self-generated license gives access only to all the features of a x-pack for 30 days. You can later downgrade the cluster to a basic license if needed.
--
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    analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
    analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
    analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
    analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

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(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
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    analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/hi/FinnishLightStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/ru/FrenchLightStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/ru/FrenchMinimalStemmer.java
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---

teardown:
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ["licenses":[]]
    
---

"Installing and getting license works":

## current license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    ["licenses":[]]
    
---

match: { license_status: "valid" }

- do:
  xpack.license.get: {}
## bwc for licenses format

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    ```
    {"
    "licenses":
    [{
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8",
      "type": "gold",
      "issue_date_in_millis": 1411948800000,
      "expiration_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "licensed": true,
      "signature": "AAAAAwAAAA2T3vqdBBetKQaBxgipAAABmc9Z2NhjZDBGYnVryRxpCOW5bh3fjZDAxOWp5bTvOMVZwUxRvK1pSmxxakxZdW51MhIITHNoN1N2M
XMrFRk4d3JZTe3x3R3RZ0pzU3l0bWJkJkzQveSFeVa0ppTHBkWkpzZWZSQ9iNmRqNkwk1SlpL0lDiZCS09
5MXRGN1lIIZlpYcVVTtNFrCET2dhJZmZzdF0rN3JqEvGxbu0U0MXZ0dIDHSERITZTVLOHnzSDBGyWnpoZEp
HZE8fJUrTVbSRENNSXnWJjZlauDdzVnEuzJfNwKtNWGM5TUhQV2plaUo4Q1OJUum4XMUnuLOpSoehQaV
2azhmUk5QVzhFeTFOm1Q0RnJX5WETaSU9wWTJJENDVvTlNICYlaeUYyK2FwR9x0t6dldMbnMzS
GtQc3FWOTgczZ3UcXMvQkt2RZwMFJnZvlpL2d8bDRUzh6U5pdENGFRrEeXKNNkE9PQAAAB7cPGF
Yggawflm9zzT80LvCHjyt1/tv2uSzCQKwDkxhhrqSy4wRAh2uK+4/PEQ7aApW5erLSy5KLA6OEZJDa7r+rmj
OpuLt0+45j4DmM7yMzOHPXbWc6cLTE3+ppGZPyOmsvDkZSRiegTcrlR2R6+mdnGrOhYMO80y08KVV
whudU/DFHV1MK7ePo6q73Nz49yD9fXa0t4ggEBPbnTDDBVQ25AjaY8asoma5eg99DRAYW1kamYWwara
PIGX+2YjhtUeQhlmpCdIx9wECJ7/knPss5bl3ZoXQR3fyXhjcXnHeISblqLrMCa1pLxs7I+KPYMa2ZYL/am4
P"
    }]
    ```
  
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    ```
    {"
    "licenses":
    [{
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8",
      "type": "subscription",
      "subscription_type": "gold",
      "issue_date_in_millis": 1411948800000,
      "feature": "shield",
      "expiration_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "licensed": true,
      "signature": "AAAAAQAAAA0LVAywwpSH94cYxRv4zAAABmC9ZN0hjZDBGYnVryRxpCOW5Bb3fJZDAxOWp5bTv0
MVZwUxRvK1pSmxxakxZdW51MhIITHNoN1N2MXMxRMFk4d3JZTe3x3R3RZ0pzU3l0bWJkJkzQveSFeVa0pp
THBkWkpzZWZSQ9iNmRqNkwk1SlpL0lDiZCS095MXRGN1lIIZlpYcVVTtNFrCET2dhJZmZzdF0rN3JqEvGxbu0U0MXZ0dIDHSERITZTVLOHnzSDBGyWnpoZEp
HZE8fJUrTVbSRENNSXnWJjZlauDdzVnEuzJfNwKtNWGM5TUhQV2plaUo4Q1OJUum4XMUnuLOpSoehQaV
2azhmUk5QVzhFeTFOm1Q0RnJX5WETaSU9wWTJJENDVvTlNICYlaeUYyK2FwR9x0t6dldMbnMzS
GtQc3FWOTgczZ3UcXMvQkt2RZwMFJnZvlpL2d8bDRUzh6U5pdENGFRrEeXKNNkE9PQAAAB7cPGF
Yggawflm9zzT80LvCHjyt1/tv2uSzCQKwDkxhhrqSy4wRAh2uK+4/PEQ7aApW5erLSy5KLA6OEZJDa7r+rmj
OpuLt0+45j4DmM7yMzOHPXbWc6cLTE3+ppGZPyOmsvDkZSRiegTcrlR2R6+mdnGrOhYMO80y08KVV
whudU/DFHV1MK7ePo6q73Nz49yD9fXa0t4ggEBPbnTDDBVQ25AjaY8asoma5eg99DRAYW1kamYWwara
PIGX+2YjhtUeQhlmpCdIx9wECJ7/knPss5bl3ZoXQR3fyXhjcXnHeISblqLrMCa1pLxs7I+KPYMa2ZYL/am4
P"
    }]
    ```
```
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}  

- length: { license: 11 }  

## multiple licenses version: 1.x

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    {"licenses": [
      {"uid":"893361dc-9749-4997-93cb-802e3d7f4a48","type":"internal","subscription_type":"none","issue_date_in_millis":1443484800000,"feature":"watcher","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null}
    ]}

- match: { license_status: "valid" }

- do:
  xpack.license.get: { }

- length: { license: 11 }
"Should throw 404 after license deletion":  
- do:  
  xpack.license.delete: {}  

- match: { acknowledged: true }  

- do:  
  xpack.license.get: {}  
  catch: missing

"Should install a feature type license":

```bash
# VERSION_NO_FEATURE_TYPE license version  
- do:  
  xpack.license.post:  
    acknowledge: true  
    body: |
      "license": {"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"gold","issue_date_in_millis":1411948800000,"expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null},  

- match: { license_status:  "valid" }  

- do:  
  xpack.license.get: {}  
  catch: missing
```

"Cannot start basic":  
- do:  
  catch: bad_request
xpack.license.post:
  acknowledge: true
  body: |
    {"license": {"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "basic", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAGAAAOI KPZ0a7aZquUIfho/AAABmC9ZN0hjZDVG YvRXpCOW5Bb3FjZDAXoWpSBvTv0MVZwUzRxVkJ1PShmxaxxZdW5Imh7THN0n1N2XMVMvRfk4d3TZEx3R3RR Z0pzU3lobWJkZnQvSEFvao pThbkWkprZWZSi9tNiRQNkw1SlpLN0DaiZCS095MXRGN11IZlpYeVVTItFrcTE2dzJzmZrdFQrNj3jQGeWxboiUMXZ0dDJHSEiRtZTVLOHnzSDByWnpoZEphZH BEZjUrTVBxRENSXNsWJjZlJaOdldzVmqEzJUjNiWktNWGM5TUhQV2plaUoo4QJOuml4MXNuLOpS0EhQaVB2azhmUkJQVzhFeTfOMlQ0RnJXSG53MWnd2K055c28zSmRnVkJ1b2JQkFLV2VXumVHNDZ2R3o2VE1q bVNSQ2lxOHN5bUErZINImkZSvmZiWEutSU9wWTTJENDvvt1NCYklacUYYkK2FwR9xGx0fddMbmMzSGq c3FWWOTgzZ3VcXMvQkt2RU HzMFJnZzlL2d2bDRWUzh6UG5pdENGWFReXNKNeE9PQAQAAQAALuQ44S3lG6SzolcXVJ6Z4CI XOORDrYQ+wdLCeev0XdujTs AOj+k+vNgo6wauC7UswiOsHu4lb5lgpvKy7RRCbh5bj/z2ubnq1qopp9BOy7VQjVfqnmG6sEUMJswJ1a5Avvm9r41YPSperi3bbKK2e16jK6Nh8ibCvnTyY/XkYGChBWT SjePDbg6ErbyodzZ37x1StLbPWcNAkNweyHjDInvyNeteZZO7A3NmubXZjW7Tf8/YwQyE00PqMc177VPY3hkKpAeHf8aajbqkYbqZuER3EWJX7zLVb1dNdnG8aXr7nYrkQcYwWgtpYQtpv+D7eY4j5muAEoer"}}

- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

---

"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

---

"Current license is trial means not eligle to start trial":

- do:
  xpack.license.get_trial_status: {}
  eligible_to_start_trial: false

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }
- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

---
"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

---
"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }
- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

---
"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }
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1.1313 device-mapper-event 1.02.170-6.el7_9.5

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2000-05-05

===================================================================

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
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changes were used in the work (which must be distributed under
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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
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specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
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The primary ANTLR guy:

Terence Parr
parrt@cs.usfca.edu
parrt@antlr.org

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/*
File: Core.js

Description:

Provides common utility functions and the Class object used internally by the library.

Also provides the <TreeUtil> object for manipulating JSON tree structures

Some of the Basic utility functions and the Class system are based in the MooTools Framework
<http://mootools.net/license.txt>.

Author:

Nicolas Garcia Belmonte

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<http://thejit.org>

Version:

1.1.2

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This code implements Dan Bernstein's Constant DataBase (cdb) spec.
Information, the spec and sample code for cdb can be obtained from
http://www.pobox.com/~djb/cdb.html. This implementation borrows some code
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The implementation is completely contained within the code of Exim. It does not link against an external cdb library.

- Client support for Microsoft's "Secure Password Authentication" is provided by code contributed by Marc Prud'hommeaux. Server support was contributed by Tom Kistner. This includes code taken from the Samba project, which is released under the Gnu GPL.

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1.1320 liblzma 5.2.2-1.2+b1

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To: Jonathan Nieder <jrnieder@gmail.com>
Subject: Re: XZ utils for Debian
Date: Sun, 19 Jul 2009 13:28:23 +0300
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Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

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Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

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* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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* 
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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uses the Library", as object code and/or source code, so that the
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that the user who changes the contents of definitions files in the
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
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copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
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========

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1.1331 xz-libs 5.2.4-3.el8

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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[role="xpack"]
[tevent="basic"]
[[get-license]]
=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++

This API enables you to retrieve licensing information.
### Request

```
GET /_xpack/license
```

### Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

### Query Parameters

`local`::
boolean
Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

### Authorization

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

### Examples

The following example provides information about a trial license:

```
[source,js]
---------------------------------
GET _xpack/license
---------------------------------
// CONSOLE
```

```
[source,js]
---------------------------------
{
  "license" : {
    "status" : "active",
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
```
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<div class="select-menu-filters">
<div class="select-menu-text-filter">
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</div>
</div>
<div class="select-menu-tabs">
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</li>
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</li>
</ul>
</div>
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<div data-filterable-for="context-commitish-filter-field" data-filterable-type="substring">
<a class="select-menu-item js-navigation-item js-navigation-open " href="/vt-middleware/cryptacular/blob/ISSUE-31+32/NOTICE" data-name="ISSUE-31+32" data-skip-pjax="true" rel="nofollow">
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</a>
<a class="select-menu-item js-navigation-item js-navigation-open " href="/vt-middleware/cryptacular/blob/gh-pages/NOTICE" data-name="gh-pages" data-skip-pjax="true" rel="nofollow">
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<span class="select-menu-item-text css-truncate-target js-select-menu-filter-text">gh-pages</span>
</a>
</div>
</div>
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Raw

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<div id="ajax-error-message" class="ajax-error-message flash flash-error">
  <svg aria-hidden="true" class="octicon octicon-alert" height="16" version="1.1" viewBox="0 0 16 16" width="16">
    <path fill-rule="evenodd" d="M8.865 1.52c-.18-.31-.51-.5-.87-.5s-.69.19-.87.5L.275 13.5c-.18.31-.18.69 0 1 .19.31.52.5.87.5h13.7c.36 0 .69-.19.86-.5.17-.31.18-.69.01-1L8.865 1.52zM8.995 13h-2v-2h2v2zm0-3h-2V6h2v4z"/></svg>
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    <svg aria-hidden="true" class="octicon octicon-x" height="16" version="1.1" viewBox="0 0 12 16" width="12">
      <path fill-rule="evenodd" d="M7.48 8l3.75 3.75-1.48 1.48L6 9.48l-3.75 3.75-1.48-1.48L4.52 8 .774 4.25l1.48-1.48L6 6.52l3.75-3.75 1.48 1.48z"/></svg>
  </button>
  You can't perform that action at this time.
</div>

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<div class="js-stale-session-flash stale-session-flash flash flash-warn flash-banner d-none">
  <svg aria-hidden="true" class="octicon octicon-alert" height="16" version="1.1" viewBox="0 0 16 16" width="16">
    <path fill-rule="evenodd" d="M8.865 1.52c-.18-.31-.51-.5-.87-.5s-.69.19-.87.5L.275 13.5c-.18.31-.18.69 0 1 .19.31.52.5.87.5h13.7c.36 0 .69-.19.86-.5.17-.31.18-.69.01-1L8.865 1.52zM8.995 13h-2v-2h2v2zm0-3h-2V6h2v4z"/></svg>
  <span class="signed-in-tab-flash">You signed in with another tab or window. <a href">Reload</a> to refresh your session.</span>
  <span class="signed-out-tab-flash">You signed out in another tab or window. <a href">Reload</a> to refresh your session.</span>
</div>

<div class="facebook" id="facebook" style="display:none;"></div>
<div class="facebook-popup">
  <div class="facebook-content" role="dialog" aria-labelledby="facebook-header aria-describedby="facebook-
This API enables you to delete licensing information.

```plaintext
DELETE /_xpack/license
```

When your license expires, `xpack` operates in a degraded mode. For more information, see `stack-ov/license-expiration.html` [License expiration].

You must have `manage` cluster privileges to use this API. For more information, see `<<security-privileges>>`. 

---

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The following example queries the info API:

[source,js]
------------------------------------------------------------
DELETE _xpack/license
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:

[source,js]
------------------------------------------------------------
{
  "acknowledged": true
}
------------------------------------------------------------

// NOTCONSOLE
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[[java-rest-high-delete-license]]

==== Delete License

[[java-rest-high-delete-license-execution]]

==== Execution

The license can be deleted using the `deleteLicense()` method:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
--------------------------------------------------

[[java-rest-high-delete-license-response]]

==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which 
returns true if the request was processed by all nodes.

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

[[java-rest-high-delete-license-async]]

==== Asynchronous Execution

This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]

include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

["source","java",subs="attributes,callouts,macros"]

include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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--- Update license API

```
+++<titleabbrev>Update license</titleabbrev>
+++

This API enables you to update your license.

[<float>

==== Request
```
'PUT _xpack/license'

==== Description

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

==== Query Parameters

`acknowledge`:: (boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

==== Request Body

`licenses`:: (array) A sequence of one or more JSON documents containing the license information.

==== Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

==== Examples

The following example updates to a basic license:

[source,js]
------------------------------------------------------------
POST _xpack/license
{

"licenses": [ 
{
  "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
  "type":"basic",
  "issue_date_in_millis":1411948800000,
  "expiry_date_in_millis":1914278399999,
  "max_nodes":1,
  "issued_to":"issuedTo",
  "issuer":"issuer",
  "signature":"xx"
}
]

// CONSOLE
// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]

```bash
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `\<user>\` is a user ID with the appropriate authority.
* `\<host>\` is the hostname of the {es} node (`localhost` if executing locally)
* `\<port>\` is the http port (defaults to `9200`)
* `\license.json\` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`
If you previously had a license with more features than the basic license, you receive the following response:

```json
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"
  },
};
```

Watchers will be disabled

Logstash will no longer poll for centrally-managed pipelines

Security:

The following X-Pack security functionality will be disabled: ...

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

```json
POST _xpack/license?acknowledge=true

{
  "licenses": [
    {
      "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type": "basic",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "issuedTo",
      "issuer": "issuer",
      "signature": "xx"
    }
  ]
}
```

// CONSOLE

// TEST[skip:license testing issues]
Alternatively:

[source,sh]

------------------------------------------------------------
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json"
-d @license.json
------------------------------------------------------------

// NOTCONSOLE

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).

* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source", "java", subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
--------------------------------------------------

[[java-rest-high-get-license-response]]
==== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

["source", "java", subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
--------------------------------------------------

<1> The text of the license.

[[java-rest-high-get-license-async]]
==== Asynchronous Execution

This request can be executed asynchronously:

["source", "java", subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
--------------------------------------------------
The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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--- Update License

--- Execution

The license can be added or updated using the `putLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```

1. Set the categories of information to retrieve. The default is to
return no information which is useful for checking if {xpack} is installed
but not much else.
2. A JSON document containing the license information.

--- Response

The returned `PutLicenseResponse` contains the `LicensesStatus`,
`acknowledged` flag and possible acknowledge messages. The acknowledge messages
are present if you previously had a license with more features than one you
are trying to update and you didn't set the `acknowledge` flag to `true`. In this case
you need to display the messages to the end user and if they agree, resubmit the
license with the `acknowledge` flag set to `true`. Please note that the request will
still return a 200 return code even if requires an acknowledgement. So, it is
necessary to check the `acknowledged` flag.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
```
The status of the license
Make sure that the license is valid.
Check the acknowledge flag. It should be true if license is acknowledged.
Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
and check component-specific messages in `acknowledgeMessages()`.

Asynchronous Execution

This request can be executed asynchronously:

A typical listener for `PutLicenseResponse` looks like:

Called when the execution is successfully completed. The response is
provided as an argument
Called in case of failure. The raised exception is provided as an argument

License Settings

You can configure this licensing setting in the `elasticsearch.yml` file.
For more information, see
`xpack.license.self_generated.type`::
Set to `basic` (default) to enable basic `xpack` features.

--
If set to `trial`, the self-generated license gives access only to all the features
of a x-pack for 30 days. You can later downgrade the cluster to a basic license if
needed.

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apalysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
apalysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
apalysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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analYSIS/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
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analYSIS/common/src/java/org/apache/lucene/analysis/hi/HungarianLightStemmer.java
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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
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Charset detection code from ICU4J (http://site.icu-project.org/)

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  - do:
    xpack.license.get: {}

## a license object has 11 attributes
- length: { license: 11 }

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  xpack.license.post:
    acknowledge: true
    body: |
      {"licenses": [{"uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "gold", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0FWh0T9njItjQ2qamMMAABmC9ZN0hjZDBGYmVyRXpCOW5Bh3fjZDAxOWpSbTVoMVZwUrzVxU1PSmkLz6zDw51MlhlITN0N1N2MXM vRFk4d3J7ZXe33R3fZ0zpU3lObWJkZnqSeFvaoFPHbWkpzZWZSQi9iNmRQNKw1SlpLN0IDaZCS095Mv XRGNa1lIZlpYcV7tTfnTrE2dzhZmdFQrN3JQeGwboxU0MXZ0dDJS7ERiz7TVLOHnzSDByWnpoZEphZH BEZJuUrTVBxRENNSSXsWWJzJlaODdzVMrtUJiWktnWNG5MTUhQV2plUuo4Q1JOuml4MXNulQ0pSOehQa VB2aZhmUKxZVzhFeToMlQ0RnJXSG53MWk2K055c28zSmRnVfb2JSQkFLV2VXUnMHNDZ2R3o2VE1q bNVQ52lsOH5bUeRZINlWkzv4mZmZWEtSU9wTT7EJNdVtINCYk1lacUYyK2FwRW9xao6tldMbnMzGQc f3FWOTgZz3UsXMtQrkt2RUZwMfJznZzlL2d2bDRWuzh6UG5pdENGWFREreXNKNkE9PQAAABZhvzozA0 trxrthUIQbATsK2nU95CkVQ6pvd8yg1pnsBpZHCk8xSrgoF1bXq61lJwvf5qmMnH3hRTO9EyaCBqaLk8 NXZQ6TrRqSpEnnBwAUYkZXsInBoOk4B4mzC/r8aMAKzrTeEBtb+Bog+57cSaU9y37Gkkd+1jXCQrxP+iO EU17gnXWZvE6oeRloLc1tf1yN090cCF8kKTbrPTScijC6igZ3uvT7Yhce74XQ9PRavvHax737T40U0EdQZX/P1ihS Q1WKbBRD5YQ1POYjYjTayoltWLMxScakkATJLZshpBEHST7kZWjRTS61jdCREjca7a8Vs/78HXvOly" ]}
```

---

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- match: { license_status: "valid" }
  
  - do:
    xpack.license.get: {}  
  
  - length: { license: 11 }

## license version: 1.x
  
  - do:
    xpack.license.post:
      acknowledge: true
      body: |
      
      { "licenses": [ { "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8" }, { "type": "subscription", "subscription_type": "gold", "issue_date_in_millis": 1411948800000, "feature": "shield", "expiry_date_in_millis": 1914273899999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAQAAAA0LVAywwpSH94cyXr4zAAABmC9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTVoMVZwUzRxBkPSmxaxxz7dW5IMlhITHNoN1N2MXMvRFl4d3TZEz3x3RRZ0pzU3loWJKZnQQsEFva0ppTHkBkWprZWZSQ9iNnRQnw15lpL0lIDaLCS095MXRGN11lZlpYcVVTtnFrcTE2dzhJZmZrdFQrN3JQeGWxbuU0MZXzd0DHSEriZTVLOHnz5DBwYwpoZEpzHBEZjUrTVBxRENNSSXnWWjZjllaODdzVEmEzUjNiWkzNWMG5TUh2V2paUo4OJQJoum14MXNuL0pSOEhQaVB2azhmuK9QVzhFeTFoM1Q0bnJXSG53MxW2K055c28zSmRnVkgF1b2JSQkFLV2 VXUmVHNDD2Z3o2VE1qvbNQ5Z2lxOH5bUFZiNIkwKZSwmZIWEt4SU9wWtTJENDVvT1NCYklaeUYyK2FwRW9xa0t6dldMbmmz2SQtQC3FWOTgz2Z3UczXMvQkt2RUZwMFJnZzL1d2dbDRWUzh6UG5pdENGWFRreXNKNkE9PQAAAQA4qsc/URRZVdFoLwgy9dqybYEQWLW8YLkiAyP5XHHHdtk+dztlepNtTEDUXsX2waVjIsNRF8/4kqpiDfwNoD2TU88fTgiIfiSiZYGDTQST+yW/5eAeUEU5J5v11IBN27bwtkg3+V4yAa0Tcm7NKXwjSiEKXAIHJU3V8chPSGiChE0kQgVwPC9RE82Pw0s/vI4PFLNGfQpm0uiE5nucfVrjt98QJ0s0/Ka7ZyFbo7VtNXXZQ777ZWBPC9KIljxZwUok8Q5S+sr0JNYFo3HGKrCvRz55rGeNtdwKXu11wnSeir4I/KLduQTFLy0+1th87VS8T88UT" ] }
  
  - match: { license_status: "valid" }
  
  - do:
    xpack.license.get: {}  
  
  - length: { license: 11 }

## multiple licenses version: 1.x
  
  - do:
    xpack.license.post:
      acknowledge: true
      body: |
{"licenses":[{"uid":"893361dc-9749-4997-93cb802e3d7fa4a8","type":"internal","subscription_type":"none","issue_date_in_millis":1411948800000,"feature":"shiel
d","expiry_date_in_millis":1440892799999,"max_nodes":1,"issued_to":"issuedTo","issuer":"issuer","signature":"A
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kprZWZSQi9iNmRQNkw1SlpLN0lDalZCS095MXRGN1lIZlpYcVVTTnFrcTE2dzhJZmZrdFQrN3JQeGwxb0U0
MXZ0dDJHSERiZTVLOHNzSDByWnpoZEphZHBEZjUrTVBxRENNSXNsWWJjZllaODdzVmEzUjNiWktNW
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SmRnVkF1b2JSQkFLV2VXUmVHNDZ2R3o2VE1qbVNQS2lxOHN5bUErZlNIWkZSVmZIWEtaSU9wTTJEND
VvT1NCYklacUYyK2FwRW9xa0t6dldMbmMzSGtQc3FWOTgzZ3ZUcXMvQkt2RUZwMFJnZzlvL2d2bDRWUz
h6UG5pdENGWFRreXNKNkE9PQAAAQBxMvUMn4h2E4R4TQMijahTxQj4LPQO4f1M79UxX/XkDlGcH+J5p
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GojgOIPU2WgiopVdVcimo1+Gk8VtklPB1wPwFzfOjOnPgp/Icx3WYpfkeAUUOyWUYiFIBAe4bnz84iF+xwLKb
gYk6aHF25ECBtdb/Uruhcm9+jEFpoIEUtCouvvk9C+NJZ4OickV4xpRgaRG2x9PONH8ZN0QGhGYhJGbisoCxu
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her","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":"issuedTo","issuer":"issuer","signature":"
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ZwUzRxVk1PSmkxakxZdW5IMlhlTHNoN1N2MXMvRFk4d3JTZEx3R3RRZ0pzU3lobWJKZnQvSEFva0ppTHB
kWkprZWZSQi9iNmRQNkw1SlpLN0lDalZCS095MXRGN1lIZlpYcVVTTnFrcTE2dzhJZmZrdFQrN3JQeGwxb0
U0MXZ0dDJHSERiZTVLOHNzSDByWnpoZEphZHBEZjUrTVBxRENNSXNsWWJjZllaODdzVmEzUjNiWktN
WGM5TUhQV2plaUo4Q1JOUml4MXNuL0pSOEhQaVB2azhmUk9QVzhFeTFoM1Q0RnJXSG53MWk2K055c2
8zSmRnVkF1b2JSQkFLV2VXUmVHNDZ2R3o2VE1qbVNQS2lxOHN5bUErZlNIWkZSVmZIWEtaSU9wTTJEN
DVvT1NCYklacUYyK2FwRW9xa0t6dldMbmMzSGtQc3FWOTgzZ3ZUcXMvQkt2RUZwMFJnZzlvL2d2bDRW
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szD0JJ5dfEL5ZA1DDOrgO9OJVejSHyRqe1L5QRUNdXPVfS+EAG0Dd1cNdJ/sMpYCPnVjbw6iq2/YgM3cuztsX
VBY7ij4WnoP3ce7Zjs9TwHn+IqzftC6"}]}
- match: { license_status: "valid" }
- do:
xpack.license.get: {}
- length: { license: 11 }
- match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }
--"Should throw 404 after license deletion":
- do:
xpack.license.delete: {}
- match: { acknowledged: true }
- do:
xpack.license.get: {}
catch: missing

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"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version
- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    ["license": {"uid": "$93361dc-9749-4997-93cb-802e3d7faa48", "type": "gold", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issued_to", "issuer": "issuer", "signature": "AAAAAgAAAAA3U8+YmmwvC+CW5vMrAAABmC9ZN0hjZDBGYvRxyCOW5Bb3FjZDAxOWpShTVoMVZwUzRvk1PsmkxaxxZd515mHtTHNoN1N2XMvRFk4d3JTZeX3R3RZ0pzU3lobWJKZnQvSEFva0ppTHBkWkprZWZSqi9iNmRQNkw1SlpLN0lDalZC2059M5G1G11LZI1pYcVVTnFrcTE2dzhJzmZrDFqFqN3JQeGwxb0U0MXZ0dJHJSERiZTVLOHNzSDByWnpoZ

  xphZHBEZjUrTVBxRENNSXNsWwJjZlIaODdzVmEzUjNiWkttNGM5TUhQV2pIuOo4QlJOuml4MXNuL0pS0EhQaVb2azhmUk9QVzhFeTFoM10RnmJXSG53MwkJ2K055c28zSmRnVkF1b2J5QkFLV2VXUmVHNZ2R3o2VE1qbVNSQ2lxOHN5bRerZI1NwKZxSVMzIWEtU9wvT7JENDvTV1NCYklacUYyK2FwRW9xa0t6ddMbnMzSgTqCe3FWOTgzzZ3UCxMxVktqZ2UzMjFJnZzlvL2d2bDRWUzh6U5pdENGWFReXNKNkE9PQAAABe8GfzDm6T337luuvjtb3xK5dvg0K5NQapv+rczWcFxFgCuzbF8plkgFtPa1AGZp4uRESDQPMICxs40UqAm917gbBQ39J3p4PogInPfeEH9NVonaQovmxVM9J56dSdqX4cXSQ+bgWpXPvD2LmpoQc1fdX6BZ8GeuyypVHV5KpU0tAYjw6HYO7e7zuO10JOYExZq66AnfKvHrvni+fFyvmE7tITDgsRaz7WsiBqaqiSmfaBkHvdPHQdS99XGaEvnHO1paK01/35iZF6OXHsF7CCj+558GRXiVxzoeO7TsGSt8g7YjZwV9bRCYU0b48n nidgG"]
    
    - match: { license_status: "valid" }

  - do:
    xpack.license.get: {}  

  - length: { license: 11 }  

- "Cannot start basic":
  
  - do:
    catch: bad_request
    xpack.license.post:
      acknowledge: true
      body: |

      ["license": {"uid": "$93361dc-9749-4997-93cb-802e3d7faa48", "type": "basic", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issued_to", "issuer": "issuer", "signature": "AAAAAgAAAAA3U8+YmmwvC+CW5vMrAAABmC9ZN0hjZDBGYvRxyCOW5Bb3FjZDAxOWpShTVoMVZwUzRvk1PsmkxaxxZd515mHtTHNoN1N2XMvRFk4d3JTZeX3R3RZ0pzU3lobWJKZnQvSEFva0ppTHBkWkprZWZSqi9iNmRQNkw1SlpLN0lDalZC2059M5G1G11LZI1pYcVVTnFrcTE2dzhJzmZrDFqFqN3JQeGwxb0U0MXZ0dJHJSERiZTVLOHNzSDByWnpoZ

  xphZHBEZjUrTVBxRENNSXNsWwJjZlIaODdzVmEzUjNiWkttNGM5TUhQV2pIuOo4QlJOuml4MXNuL0pS0EhQaVb2azhmUk9QVzhFeTFoM10RnmJXSG53MwkJ2K055c28zSmRnVkF1b2J5QkFLV2VXUmVHNZ2R3o2VE1q bVNSQ2lxOHN5bRerZI1NwKZxSVMzIWEtU9wvT7JENDvTV1NCYklacUYyK2FwRW9xa0t6ddMbnMzSgTqCe3FWOTgzzZ3UCxMxVktqZ2UzMjFJnZzlvL2d2bDRWUzh6U5pdENGWFReXNKNkE9PQAAABe8GfzDm6T337luuvjtb3xK5dvg0K5NQapv+rczWcFxFgCuzbF8plkgFtPa1AGZp4uRESDQPMICxs40UqAm917gbBQ39J3p4PogInPfeEH9NVonaQovmxVM9J56dSdqX4cXSQ+bgWpXPvD2LmpoQc1fdX6BZ8GeuyypVHV5KpU0tAYjw6HYO7e7zuO10JOYExZq66AnfKvHrvni+fFyvmE7tITDgsRaz7WsiBqaqiSmfaBkHvdPHQdS99XGaEvnHO1paK01/35iZF6OXHsF7CCj+558GRXiVxzoeO7TsGSt8g7YjZwV9bRCYU0b48n nidgG"]}  

- match: { license_status: "valid" }  

- do:
  xpack.license.get: {}  

- length: { license: 11 }  

---
Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.

Should fail gracefully when body content is not provided:

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

Current license is trial means not eligle to start trial:

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

Trial license cannot be basic:

- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
acknowledge: true

"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }
- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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/**
   * Creates a new [@link GeneratorAdapter]. <i>Subclasses must not use this constructor</i>. Instead, they must use the
   * [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
   * version.
   *
   * @param mv
   *    the method visitor to which this adapter delegates calls.
   * @param access
   *    the method's access flags (see [@link Opcodes]).
   * @param name
   *    the method's name.
   * @param desc
   *    the method's descriptor (see [@link Type Type]).
   * @throws IllegalStateException
   *    If a subclass calls this constructor.
   */

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 *            the owner's class name.
 * @param access
 *            the method's access flags (see {@link Opcodes}).
 * @param name
 *            the method's name.
 * @param desc
 *            the method's descriptor (see {@link Type Type}).
 * @param mv
 *            the method visitor to which this adapter delegates calls. May
 *            be <tt>null</tt>.
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use &lt;code&gt;null&lt;/code&gt; for none).
 * @param access
 * the method's access flags (see {@link Opcodes}). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type}).
 * @param signature
 * the method's signature. May be &lt;tt&gt;null&lt;/tt&gt;.
 * @param exceptions
 * the internal names of the method's exception classes (see
 * { @link Type#getName()} ). May be
 * &lt;tt&gt;null&lt;/tt&gt;.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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/**
* Constructs a new [LocalVariableAnnotationNode]. <i>Subclasses must not use this constructor</i>. Instead, they must use the
* LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)
* version.
*
* @param typeRef
*  a reference to the annotated type. See TypeReference.
* @param typePath
*  the path to the annotated type argument, wildcard bound, array
*  element type, or static inner type within 'typeRef'. May be
*  null if the annotation targets 'typeRef' as a whole.
* @param start
*  the first instructions corresponding to the continuous ranges
*  that make the scope of this local variable (inclusive).
* @param end
*  the last instructions corresponding to the continuous ranges
*  that make the scope of this local variable (exclusive). This
*  array must have the same size as the 'start' array.
* @param index
*  the local variable's index in each range. This array must have
*  the same size as the 'start' array.
* @param desc
*  the class descriptor of the annotation class.
*/

Found in path(s):
* /opt/cola/permits/1108987328_1606240530.63/0/asm-debug-all-5-1-sources-2.jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
 * version.
 */
@throws IllegalStateException
If a subclass calls this constructor.
*/

Found in path(s):
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/**
* Constructs a new [ @link Textifier ]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the [ @link #Textifier(int) }
* version.
* 
* @throws IllegalStateException
* If a subclass calls this constructor.
*/
1.1339 cri-tools 1.19.0-0

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tomb - support for clean goroutine termination in Go.

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Files: debian/*

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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D3DES (V5.09) -

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Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge. Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.


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 * @author Mikael Grev, MiG InfoCom AB
 *         Date: 2006-sep-08
 */
/** Returns the absolute positioning of one or more of the edges. This will be applied last in the layout cycle and
 will not
 * affect the flow or grid positions. The positioning is relative to the parent and can not (as padding) be used
 * to adjust the edges relative to the old value. May be <code>null</code> and elements may be <code>null</code>. <p>
 * <code>null</code> value(s) for the x2 and y2 will be interpreted as to keep the preferred size and thus the x1
 * and x2 will just absolutely positions the component.
 * <p>
 * Note that { @link #setBoundsInGrid(boolean)} changes the interpretation of this property slightly. <p>
 * For a more thorough explanation of what this constraint does see the white paper or cheat Sheet at
 * www.migcomponents.com. <p>
 * @return The current value as a new array, free to modify. */

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 * @author Mikael Grev, MiG InfoCom AB
 *         Date: 2006-sep-08
 */
/** Returns the gaps as pixel values.
   * @param parent The parent. Used to get the pixel values.
   * @param defGap The default gap to use if there is no gap set on this object (i.e. it is null).
   * @param refSize The reference size used to get the pixel sizes.
   * @param before IF it is the gap before rather than the gap after to return.
   * @return The [min,preferred,max] sizes for the specified gap. Uses {@link net.miginfocom.layout.LayoutUtil#NOT_SET} for gap sizes that are <code>null</code>. Returns <code>null</code> if there was no gap specified. A new and
free to use array.
*/

Found in path(s):
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* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/ContainerWrapper.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/PlatformDefaults.java
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* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/swing/SwingContainerWrapper.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/demo/SwingDemo.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/swing/SwingComponentWrapper.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/IDEUtil.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/ComponentWrapper.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/swt/SwtComponentWrapper.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/LayoutUtil.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/AC.java
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* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/LayoutConstraint.java
* /opt/cola/permits/1108541031_1606172643.14/0/miglayout-3-5-5-sources-1-jar/net/miginfocom/layout/UnitValue.java
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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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### xwd utility

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include/GL/wglxext.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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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
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WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
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1.1366 adduser 3.115

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1.1367 rsyslog 8.24.0-57.el7_9.1

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1.1368 fluent-plugin-multi-format-parser 1.0.0
1.1368.1 Available under license:
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--- !ruby/object:Gem::Specification
name: fluent-plugin-multi-format-parser
version: !ruby/object:Gem::Version
version: 1.0.0
platform: ruby
authors:
- Masahiro Nakagawa
autorequire:
bindir: bin
cert_chain: []
date: 2017-12-14 00:00:00.000000000 Z
dependencies:
- !ruby/object:Gem::Dependency
  name: fluentd
  requirement: !ruby/object:Gem::Requirement
    requirements:
    - - ">="
      - !ruby/object:Gem::Version
        version: 0.14.0
    - - "<"
      - !ruby/object:Gem::Version
        version: '2'
type: :runtime
prerelease: false
version_requirements: !ruby/object:Gem::Requirement
  requirements:
  - - ">="
    - !ruby/object:Gem::Version
      version: 0.14.0
  - - "<"
    - !ruby/object:Gem::Version
      version: '2'
- !ruby/object:Gem::Dependency
  name: rake
  requirement: !ruby/object:Gem::Requirement
    requirements:
    - - ">="
      - !ruby/object:Gem::Version
        version: 0.9.2
type: :development
prerelease: false
version_requirements: !ruby/object:Gem::Requirement
  requirements:
  - - ">="
    - !ruby/object:Gem::Version
      version: 0.9.2
description: Multi format parser plugin for Fluentd
e-mail: repeatedly@gmail.com
executables: []
extensions: []
extra_rdoc_files: []
files:
  - ".travis.yml"
- Gemfile
- README.md
- Rakefile
- VERSION
- fluent-plugin-multi-format-parser.gemspec
- lib/fluent/plugin/parser_multi_format.rb

homepage: https://github.com/repeatedly/fluent-plugin-multi-format-parser

licenses:
- Apache License (2.0)

metadata: {}

post_install_message:

rdoc_options: []

require_paths:
- lib

required_ruby_version: !ruby/object:Gem::Requirement

requirements:
- - ">="
  - !ruby/object:Gem::Version
    version: '0'

required_rubygems_version: !ruby/object:Gem::Requirement

requirements:
- - ">="
  - !ruby/object:Gem::Version
    version: '0'

rubyforge_project:

rubygems_version: 2.6.13

signing_key:

specification_version: 4

summary: Multi format parser plugin for Fluentd

test_files: []

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1085520585_1599005169.77/0/fluent-plugin-multi-format-parser-1-0-0-1-
gem/metadata-gz/metadata

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# Multi format parser plugin for Fluentd

Parse format mixed logs.

## Requirements

<table>
<thead>
<tr>
<th>fluent-plugin-multi-format-parser</th>
<th>fluentd</th>
<th>ruby</th>
</tr>
</thead>
<tbody>
<tr>
<td>-----------------------------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>&gt;= 1.0.0</td>
<td>&gt;= v0.14.0</td>
<td>&gt;= 2.1</td>
</tr>
<tr>
<td>&lt; 1.0.0</td>
<td>&gt;= v0.12.0</td>
<td>&gt;= 1.9</td>
</tr>
</tbody>
</table>
## Installation

Use RubyGems:

```
fluent-gem install fluent-plugin-multi-format-parser
```

## Configuration

This plugin is a parser plugin. After installed, you can use `multi_format` in `<parse>` supported plugins. Use multiple `<pattern>`s to specify multiple parser formats.

```
<source>
  @type udp
tag logs.multi
</source>

<parse>
  @type multi_format
  <pattern>
    format apache
  </pattern>
  <pattern>
    format json
time_key timestamp
  </pattern>
  <pattern>
    format none
  </pattern>
</parse>
```

`multi_format` tries pattern matching from top to bottom and returns parsed result when matched.

Available format patterns and parameters are depends on Fluentd parsers.
See [parser plugin document][1] for more details.

### For v1.0/v0.14

Put `<pattern>`s inside `<parse>`.

```
<filter app.**>
  @type parser
  key_name message
  <parse>
    @type multi_format
    <pattern>
      format json
    </pattern>
    <pattern>
      format none
    </pattern>
  </parse>
</filter>
```

---

[1]: http://docs.fluentd.org/v1.0/articles/parser-plugin-overview
### For v0.12

Use `format` instead of `<parse></parse>`.

<filter app.**>
  @type parser
  key_name message

  format multi_format
  <pattern>
    format json
  </pattern>
  <pattern>
    format /...your regexp pattern.../
  </pattern>
  <pattern>
    format none
  </pattern>
</filter>

### NOTE

This plugin doesn't work with `multiline` parsers because parser itself doesn't store previous lines.

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<td>Author</td><td>Masahiro Nakagawa <repeatedly@gmail.com></td>
</tr>
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<td>Copyright</td><td>Copyright (c) 2014- Masahiro Nakagawa</td>
</tr>
<tr>
<td>License</td><td>MIT License</td>
</tr>
</table>
No license file was found, but licenses were detected in source scan.

```
  gem.license     = 'Apache License (2.0)'
```

Found in path(s):
```
  * /opt/ws_local/PERMITS_SQL/1085520585_1599005169.77/0/fluent-plugin-multi-format-parser-1-0-0-1-
  gem/data-tar-gz/fluent-plugin-multi-format-parser.gemspec
```

---

### 1.1369 netcat-openbsd 1.130-r1

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```bash
#!/bin/bash

# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
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pkgname=perl-software-license
(pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="cpanmakedepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$pkgreal-$pkgver"

cd "$_builddir"
export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
  cd "$_builddir"
  export CFLAGS="perl -MConfig -E 'say $Config{ccflags}'"
  make && make test
}

package() {
  cd "$_builddir"

  ```
make DESTDIR="$pkgdir" install || return 1
find "$pkgdir" \(-name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"

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pkgname=py-flake8-copyright
__pkgname=flake8-copyright
pkgver=0.2.0
pkgrel=0
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="flake8"
makedepends="python3-dev"
source="https://files.pythonhosted.org/packages/source/${__pkgname:0:1}/${__pkgname}/${__pkgname}-${pkgver}.tar.gz"

build() {
  cd "$builddir"
  python3 setup.py build || return 1
}

package() {
  cd "$builddir"
  python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}
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# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgnam=libart-lGPL
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/
arch="all"
license="LGPL"
makedepends=
subpackages="$pkgname-dev"

_builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
  cd "$_builddir"
  update_config_sub || return 1
}

build() {
  cd "$_builddir"
  ./configure \\n  --build=$CBUILD \\n  --host=$CHOST \\n  --prefix=/usr \\n  || return 1
  make || return 1
}

package() {
  cd "$_builddir"
  make DESTDIR="$pkgdir" install || return 1
}

md5sums="08559ff3c67fd95d57b0c5e91af6b4302  libart_lgpl-2.3.21.tar.bz2"
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
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pkgname=perl-bsd-resource
_PKGreal=BSD-Resource
pkgver=1.2909
pkgrel=1
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/bsd-resource/"
arch="all"
license="GPL-PerlArtistic"
cpandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"

_builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {


cd "$_builddir"
export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
  cd "$_builddir"
  export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
  make && make test || return 1
}

package() {
  cd "$_builddir"
  make DESTDIR="$pkgdir" install || return 1
  find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012  BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff40f1f61957e289e8de45af5fc79e851e2e855e06  BSD-Resource-1.2909.tar.gz"
sha512sums="5f489eac5089e82081b7cf51d62638750e443751b494154073549a6b17771819b5e6e85529faa41ddd85743363750157943c7f7700276ccee2bd40a429fa430  BSD-Resource-1.2909.tar.gz"

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1.1370 libdrm 2.4.97-1

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1.1371 bsdmainutils 11.1.2+b1

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Then the package has been maintained by Charles Briscoe-Smith <cpbs@debian.org>. I gathered data for the 1999-2001 calendar files from various sources on the Internet, and I'd also like to thank Oliver Elphick, Julian Gilbey, Daniel Martin and Jaldhar H. Vyas for providing much useful data on the various religious calendars. I have edited the files they provided to fit calendar's requirements, so any errors should be attributed to me.

After cpbs@debian.org, Marco d'Itri <md@linux.it> maintained it for almost two years, before Tollef Fog Heen <tfheen@debian.org> took over. The package is now maintained by Graham Wilson <bob@decoy.wox.org>.

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1.1372 libkcrypto 1.17 6ubuntu4.1
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_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
slave/kproplg.c

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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
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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* /opt/cola/permits/1108573471_1606168457.13/0/validation-api-1-1-0-final-sources-2-
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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

^L

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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^L

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<one line to give the library's name and a brief idea of what it does.>

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
-------------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Fry sing er <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde= r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists =2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

----------------------------------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir
applications are also GPL-2 which imo is just wrong. it isnt the place of =
library to dictact to application writes what license they should be using.
thus LGPL-2.1 enters to fill this void.

=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro
 maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20

Nathan Neulinger
EMail: nneul@um...
University of Missouri - Rolla
Phone: (573) 341-6679
UMR Information Technology
Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
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> > unless their
> > applications are also GPL-2 which imo is just wrong. it isnt the
place of a library to dictate to application writes what license they should be using.
thus LGPL-2.1 enters to fill this void.
-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small
I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
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> > > much other than cleaning up the packaging and patches and a small
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> > >
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> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >>
> >> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> >> make the change now?
> >>
> > yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
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CrackLib was originally licensed with a variant of the Artistic license. In the
interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.
This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

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From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43) by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47]) by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
   for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142]) by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
   for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
   by rutherford.zen.co.uk with esmtp (Exim 4.50)
   id l1cOcX-0004Qt-6L
   for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afplf2dd471059ff9a4@mail.gmail.com>
References: <119092867.3457.147.camel@localhost.localdomain>
   <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd80710010908k11dac0afplf2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.1398 libasound 1.2.2 2.1ubuntu2.5

1.1398.1 Available under license:

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Whether this is true is especially significant if the work can be
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1.1404 libcom-err 1.42.9-19.el7

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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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Upstream source https://invisible-island.net/ncurses/ncurses.html
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when there is no Makefile.

This script is compatible with the BSD install script, but was written
from scratch. It can only install one file at a time, a restriction
shared with many OS's install programs.

On Debian systems, the complete text of the GNU General
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--- vile: textmode file-encoding=utf-8
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1.1407 jetty-http 9.4.16.v20190411

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes.  The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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   (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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(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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License Mixing
==============

libcurl can be built to use a fair amount of various third party libraries,
libraries that are written and provided by other parties that are distributed
using their own licenses. Even libcurl itself contains code that may cause
problems to some. This document attempts to describe what licenses libcurl and
the other libraries use and what possible dilemmas linking and mixing them all
can lead to for end users.

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particular problem was addressed when the [Modified BSD
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Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is
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## GnuTLS

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## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

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## libidn

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## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2
1.1415 libcom-err 1.45.5 2ubuntu1

1.1415.1 Available under license:
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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# 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.

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSDLIB_LIB)

$(BSDLIB_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSDLIB_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f $(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSDLIB_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB)
$(DESTDIR)$BSDLIB_INSTALL_DIR/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$BSDLIB_INSTALL_DIR/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(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:

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Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@

--- 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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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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Original sources were obtained from:
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- javaee_web_services_client_1_3.xsd
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This API enables you to retrieve licensing information.

```text
GET /_xpack/license
```

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

`local`:
(boolean) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

You must have `monitor` cluster privileges to use this API. For more information, see <<security-privileges>>.

The following example provides information about a trial license:

```js
GET _xpack/license

// CONSOLE
```
-------------------------------------------------{
"license" : {
"status" : "active",
"uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
"type" : "trial",
"issue_date" : "2018-10-20T22:05:12.332Z",
"issue_date_in_millis" : 1540073112332,
"expiry_date" : "2018-11-19T22:05:12.332Z",
"expiry_date_in_millis" : 1542665112332,
"max_nodes" : 1000,
"issued_to" : "test",
"issuer" : "elasticsearch",
"start_date_in_millis" : -1
}
}
-------------------------------------------------// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE[s/"basic"/$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/]
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]
// TESTRESPONSE[s/1542665112332/$body.license.expiry_date_in_millis/]
// TESTRESPONSE[s/1000/$body.license.max_nodes/]
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Cryptacular Java Library

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This API enables you to delete licensing information.

`DELETE /_xpack/license`

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].

You must have `manage` cluster privileges to use this API.
For more information, see `<security-privileges>`.

[Float]
==== Examples

The following example queries the info API:

[source,js]
------------------------------------------------------------
DELETE _xpack/license
------------------------------------------------------------

// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:

[source,js]
------------------------------------------------------------
{
  "acknowledged": true
}
------------------------------------------------------------

// NOTCONSOLE

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The 10 level includes the 1000 most common English words (according to
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Date: Sat, 08 Jul 2000 20:27:21 +0100
From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

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Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list is also in the public domain?

That is the intention.

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top 1000 male, female, and Last names from the 1990 Census report; a
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ENABLE supplement package (except for ABLE), the "UK Advanced Cryptics
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[[]java-rest-high-delete-license]]
==== Delete License

[[java-rest-high-delete-license-execution]]
==== Execution

The license can be deleted using the `deleteLicense()` method:

["source","java",subs="attributes,callouts,macros"]
---------------------------------------------
include-tagged:{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
---------------------------------------------

[[java-rest-high-delete-license-response]]
==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which
returns true if the request was processed by all nodes.

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers
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Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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This API enables you to update your license.

[float]
==== Request

`PUT _xpack/license`

[float]
==== Description

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[float]
==== Query Parameters

`acknowledge`:
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

[float]
==== Request Body

`licenses`:
(array) A sequence of one or more JSON documents containing the license information.

[float]
==== Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

[float]
==== Examples
The following example updates to a basic license:

[source,js]

```javascript
POST _xpack/license
{
"licenses": [
{
"uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
"type": "basic",
"issue_date_in_millis": 1411948800000,
"expiry_date_in_millis": 1914278399999,
"max_nodes": 1,
"issued_to": "issuedTo",
"issuer": "issuer",
"signature": "xx"
}
]
}
```

// CONSOLE

// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]

[source,shell]

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

// NOTCONSOLE

On Windows machine, use the following command:

[source,shell]

```powershell
gc .\license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `*<user>` is a user ID with the appropriate authority.
* `*<host>` is the hostname of the {es} node (`localhost` if executing locally)
* `<port>` is the http port (defaults to `9200`) * `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source.js]

```
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",
    "watcher": [ ]
    "Watcher will be disabled"
  ],
  "logstash": [ ]
  "Logstash will no longer poll for centrally-managed pipelines"
  "security": [ ]
  "The following X-Pack security functionality will be disabled: ..."
}
```

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source.js]

```
POST _xpack/license?acknowledge=true
{
  "licenses": [ ]
  "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
  "type": "basic",
  "issue_date_in_millis": 1411948800000,
  "expiry_date_in_millis": 1914278399999,
  "max_nodes": 1,
  "issued_to": "issuedTo",
  "issuer": "issuer",
  "signature": "xx"
}
Alternatively:

[source,sh]
------------------------------------------------------------
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json
------------------------------------------------------------

For more information about the features that are disabled when you downgrade your license, see {stack-ov}/license-expiration.html[License expiration].

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.
## Info ##
* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##
* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source","java",subs="attributes,callouts,macros"]
-----------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
-----------------------------------------------

[[java-rest-high-get-license-response]]
==== Response

The returned `GetLicenseResponse` contains the license in the JSON format.

["source","java",subs="attributes,callouts,macros"]
-----------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
-----------------------------------------------

<1> The text of the license.

[[java-rest-high-get-license-async]]
==== Asynchronous Execution
This request can be executed asynchronously:

["source","java",subs="attributes,callouts,macros"]
----------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
----------------------------------------

<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

["source","java",subs="attributes,callouts,macros"]
----------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
----------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument

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=== Update License

||java-rest-high-put-license||

=== Execution

The license can be added or updated using the `putLicense()` method:

["source","java",subs="attributes,callouts,macros"]

------------------------------------------------------------------------
| include-tagged:::{doc-tests}/LicensingDocumentationIT.java[put-license-execute] |
------------------------------------------------------------------------

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if `{xpack}` is installed but not much else.

<2> A JSON document containing the license information.

[[java-rest-high-put-license-response]]

==== Response

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the
license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
```

<1> The status of the license
<2> Make sure that the license is valid.
<3> Check the acknowledge flag. It should be true if license is acknowledged.
<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
<5> and check component-specific messages in `acknowledgeMessages()`.

[[java-rest-high-put-license-async]]

==== Asynchronous Execution

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
```

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

[role="xpack"]

```java
[license-settings]
```
For more information, see
{stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`::
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
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JUnRAR (https://github.com/edmund-wagner/junrar/)

JUnRAR is based on the UnRAR tool, and covered by the same license

It was formerly available from http://java-unrar.svn.sourceforge.net/
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---
teardown:
- do:
  xpack.license.post:
    acknowledge: true
    body: |
Installing and getting license works:

## current license version
- do:
  - xpack.license.post:
    acknowledge: true
    body: |
    "licenses": [{
      "uid": "894371dc-9t49-4997-93cb-802e37f6a68",
      "type": "trial",
      "issue_date_in_millis": 1411948800000,
      "expiry_date_in_millis": 1914278399999,
      "max_nodes": 1,
      "issued_to": "customer",
      "signature": "AAAAAgAAAA0FWh0T9njttjQ2qmmmaAABmC9Zl0nhyZDBqYnVYrXpCOW5Bb3f3JZAdxOWsbTVoMVZwUzRxVf1PsmxaZkdW5MhiLTHNoN1N2XMXvRFk4d3JrTXEx3R3RRZ0pzU3IobWJKZnQvSEFva0ppTHBkWkpzWZSQ9iNmRNkswILspL00lDalZCS095MXRGN1lIZpYcVVTtTrcFe2zdhlZmZzdFQRn3JQqGwxb0U0MXX00dDHSEIRzTVLOHZnSZbWyPwpoZEpZrZBEZjUrTVBxRENNSXnSWj3ill2OdZmEzUjnWk1tNWGM5UhQV2pulaU0q1JOUm4mxULopS0eHqaVBA2zuhnUk9QVzhFeTFoM1Q0RnJXSG53Mwk2K0O55c28zSmRnVfw1bJSQkFLV2UXUmVHNZD2R3o2VE1qbVNQ52lxOHN5bUrZINiWKSVMzIWEtsU9wYTWJlNdvT1NXYkdacUYyK2fWRxwa0t6dMmBmbfM5GQc3FWoTfzG3ZUcXMVqxt2RZuWFJnZlihL2d2bDRUzh6UG5pe5ENGWFRmXNKNkE9PQAAAQZHvozA0ttrxhU1qiSaKtna9C5KVq6pvy8g1mssBPZXR1kX1SrroF1bXq61tJwFw5qmYniH3hRbT09EyaCBQkL8NXZQ6TrTkQSpEnnBwAYUkZeKXs3ABoOk4B4mzwC/r8aAMkrTnEBtBbog+57cSaUy937Gkd+1jXCPgxP+jOEUI7gnXWzFB60eRtoLcC1Yn9k0CF8kKthBtPJsCj6iZ3ruVTHye74QX9PRAvHax73T4U0EdQZXPI1bSQUIWhbRD5YQ1POYVjTayoltTnWLMsEcAkATJZLhpbEHST7kZWjrT5161dCREj7e8Vsj/78HXVoIy"
    ]
  - match: { license_status: "valid" }
  - do:
    xpack.license.get: {}
- match: { license_status: "valid" }

  - do:
    xpack.license.get: {}

  - length: { license: 11 }

## license version: 1.x

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    
    ```json
    {"licenses":[{"uid":"893361dc-9749-4997-93cb-802ed37fa4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":1411948800000,"feature":"shield","expiration_date_in_millis":708000000,"max_nodes":1,"issued_to":"issuedTo","issuer":null,"signature":null}]}
    ```

  - match: { license_status: "valid" }

  - do:
    xpack.license.get: {}

  - length: { license: 11 }
## multiple licenses version: 1.x

- do:
  - xpack.license.post: 
    - acknowledge: true
    - body: |
      
      ```json
      { "licenses": [ 
        { "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8", "type": "internal", "subscription_type": "none", "issue_date_in_millis": 1411948800000, "feature": "shield", "expiry_date_in_millis": 1440892799999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AABAAAAQAAAA04Q4ky3rFyyWLFkytEAAABmC9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTVoMVZwUzRxVk1PSmkxakxZdW5IMlhlTHNoN1N2MXMvRFk4d3JTZEx3R3RRZ0pzU3lobWJKZnQvSEFva0ppTHBkWkprZWZSQi9iNmRQNkw1SlpLN0lDalZCS095MXRGN1lIZlpYcVVTTnFrcTE2dzhJZmZrdFQrN3JQeGwxb0U0MXZ0dDJHSERiZTVLOHNzSDByWnpoZEphZHBEZjUrTVBxRENNSXNsWWJjZllaODdzVmEzUjNiWktNGW5TUhQV2plaUo4Q1JOUml4MXNuL0pSOEhQaVB2azhmUk9QVzhFeTFoM1Q0RnJXSG53MWk2K055c28zSmRnVkF1b2JSQkFLV2VXUmVHNDZ2R3o2VE1qbVNQS2lxOHN5bUErZlNIWkZSVmZIWEtaSU9wTTJENVvT1NCYklacUYyK2FwRW9xa0t6dldMbmMzSGtQc3FWOTgzZ3ZUcXMvQkt2RUZwMFJnZzlvL2d2bDRWUzh6UG5pdENGWFRreXNKNkE=", "signature": "AAAAAQQAAAA0Sc90guRIaQEmgLvMnAAABmC9ZN0hjZDBGYnVyRXpCOW5Bb3FjZDAxOWpSbTVoMVZwUzRxVk1PSmkxakxZdW5IMlhlTHNoN1N2MXMvRFk4d3JTZEx3R3RRZ0pzU3lobWJKZnQvSEFva0ppTHBkWkprZWZSQi9iNmRQNkw1SlpLN0lDalZCS095MXRGN1lIZlpYcVVTTnFrcTE2dzhJZmZrdFQrN3JQeGwxb0U0MXZ0dDJHSERiZTVLOHNzSDByWnpoZEphZHBEZjUrTVBxRENNSXNsWWJjZllaODdzVmEzUjNiWktNGW5TUhQV2plaUo4Q1JOUml4MXNuL0pSOEhQaVB2azhmUk9QVzhFeTFoM1Q0RnJXSG53MWk2K055c28zSmRnVkF1b2JSQkFLV2VXUmVHNDZ2R3o2VE1qbVNQS2lxOHN5bUErZlNIWkZSVmZIWEtaSU9wTTJENVvT1NCYklacUYyK2FwRW9xa0t6dldMbmMzSGtQc3FWOTgzZ3ZUcXMvQkt2RUZwMFJnZzlvL2d2bDRWUzh6UG5pdENGWFRreXNKNkE9PQAAAQCQ94dju0pnDZR3Uuypi0ic3aQJ+nvVqe+U8u79Dga5n1qIjcHDh7HvIBJEkF+tnVPlo/PXV/x7BZSwVY1PVEirit+6rYix1yuHEgqwxmx/VdRICjCaZM6tk0Ob4dZCPv6Ebn2Mmk89KHCP/wiLPQ6QfwV/Pkpa8k2A3ORJmvYSDvXhe6tCs8dqc4ebrsFxqrZjwWh5CZSpzqqZBFXlngDv2N0hHhpGlueRsD0JJ5dfEL5ZA1DDOrgO9OJVejSHyRqe1L5QRUNdXPfS+EAG0Dd1cNdJ/sMpYCPnVjbw6iq2/YgM3cuztsXVBY7ij4WnoP3ce7Zjs9TwHn+IqzftC6" ] } }
    ```

- match: { license_status: "valid" }

- do:
  - xpack.license.get: {}

- length: { license: 11 }

- match: { license.uid: "893361dc-9749-4997-93cb-802e3d7fa4a8" }

---

"Should throw 404 after license deletion":

- do:
  - xpack.license.delete: {}

- match: { acknowledged: true }
- do:
  xpack.license.get: {}
  catch: missing

---

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version

- do:
  xpack.license.post:
    acknowledge: true
    body: |
    "license": {"uid": "893361dc-9749-4997-93cb-802e3d7faa48","type": "gold","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "","issuer": "","signature": "AAAAGAAAAA3U8+Ymnnvwo+CWSV/mRAAABmC9Z0N0hjZDBGYNyRXpCOW5Bb3fjZDaXOWpSbTVoMVZwUrzK1PSmkaxxZdW5lMhlTHNoN1N2MXmVRFk4d3JtZE3r3RRZ0pzU3lobWJKZnQvSEFva0ppTHBkWkprZWZSi9iNnmRQNkw1SlpLN0DiZC9S095MXRGN1IlZlpYcVVTnFrcTE2dzhkZmZrdFQrN3JQcGwxboU0MXZ0dDJHSEiTJTVLOHnzSDByWnpoZEdpZHEBZ3UrTVXbRENNSXsWwjZIlaODdzVmeUjNiWnKvWGM5UUhQV2plaUo4Q1JOUmL4MNuoLpSEOEQaVBZazhUmk9QVzhFeTFoM1Q0RaJXSG53MWk2K055c28zSmRnVnFk1b2JSQFKV2VXUmVHZD302VEQvbVNSQ21xOHN5bUErZINlWkZSVmZlWEtaSU9wTTJENDVvT1NCYklacUYYK2FwRW9xa06ddLdmMuzGtQc3FWOTgZ3ZUeXMvQk2RUZwMFhznZvlL2d2bDRWUzh6UG5pdENQFReXNKnkE9PQA4AQB e8GFzm6T537luvjetb3xK5dvQK5NQapv+rczWcQFxgCuzbF8plgetP1aAGZP4uRESIDQPMIOCxs4d0UqqAm9l7GhBQ3U3P+PogInFPeEH9NvOmaAQovwmVVM95E6DsDq4XcXS0+bgWpXPTd2LmpoQc1Xd6BZ8GeyYpVHVKp9hVU0tAJywe6HzYE7+zuO1oJYoElqy66AnlfkHrvin+fylm3tE7iDTgsDRaz7W3iBhaoSntEeqabEvkVhdPQhdSR99XGaEvnHO1paK01/35iZf6OXHsF7CCj+558GRXiVuzeOe7TsGSt87gY7ZwV9bRCyU7oB4B/nidgI"
  }

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

---

"Cannot start basic":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true
    body: |
    "license": {"uid": "893361dc-9749-4997-93cb-802e3d7faa48","type": "basic","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "","issuer": "","signature": "AAAAGAAAAA3U8+Ymnnvwo+CWSV/mRAAABmC9Z0N0hjZDBGYNyRXpCOW5Bb3fjZDaXOWpSbTVoMVZwUrzK1PSmkaxxZdW5lMhlTHNoN1N2MXmVRFk4d3JtZE3r3RRZ0pzU3lobWJKZnQvSEFva0ppTHBkWkprZWZSi9iNnmRQNkw1SlpLN0DiZC9S095MXRGN1IlZlpYcVVTnFrcTE2dzhkZmZrdFQrN3JQcGwxboU0MXZ0dDJHSEiTJTVLOHnzSDByWnpoZEdpZHEBZ3UrTVXbRENNSXsWwjZIlaODdzVmeUjNiWnKvWGM5UUhQV2plaUo4Q1JOUmL4MNuoLpSEOEQaVBZazhUmk9QVzhFeTFoM1Q0RaJXSG53MWk2K055c28zSmRnVnFk1b2JSQFKV2VXUmVHZD302VEQvbVNSQ21xOHN5bUErZINlWkZSVmZlWEtaSU9wTTJENDVvT1NCYklacUYYK2FwRW9xa06ddLdmMuzGtQc3FWOTgZ3ZUeXMvQk2RUZwMFhznZvlL2d2bDRWUzh6UG5pdENQFReXNKnkE9PQA4AQB e8GFzm6T537luvjetb3xK5dvQK5NQapv+rczWcQFxgCuzbF8plgetP1aAGZP4uRESIDQPMIOCxs4d0UqqAm9l7GhBQ3U3P+PogInFPeEH9NvOmaAQovwmVVM95E6DsDq4XcXS0+bgWpXPTd2LmpoQc1Xd6BZ8GeyYpVHVKp9hVU0tAJywe6HzYE7+zuO1oJYoElqy66AnlfkHrvin+fylm3tE7iDTgsDRaz7W3iBhaoSntEeqabEvkVhdPQhdSR99XGaEvnHO1paK01/35iZf6OXHsF7CCj+558GRXiVuzeOe7TsGSt87gY7ZwV9bRCyU7oB4B/nidgI"}
"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
  - match: { error_message: "Operation failed: Trial was already activated." }

---

XRGNIlIZIpYcVVTtNfTcTE2dzhJZmZrdFQrN3JQeGwxb0U0MXZ0dDJHSErIzTVLOHnzSDByWnpoZEpHZHBEZjUrTVBxRENNSXNsWWJjZllaODdzVmEzUjNiWktNWGM5TUhQV2plaUo4Q1JOUml4MXNuL0pSOEhQa
VB2azhmUk9QVzhFeTFoM1Q0RnJXSG53MWhk2K055c28zSmRnVkJib2JSQkFLV2 VXUmVHNHZ2R3o2VE1q
bVNQ52lxOHN5bUErZlNIWkZSVmZlWEtuSU9wTTJENDVvT1NCYklaclUYyK2FwRW9xa0f6ldMbmnMzSGrQc
c3FWOTfgz3ZUcXMvQkt2RUZwMFJnZzivL2d2bDRWUzh6UG55dpENGWFRRenXNKknE9PQAAAQAALuQ44
S3ISg6SolecXVi6Z4CIOORDrYQ+wdlLCeey0XdujTslAOj+k+vNgo6wauc7Uswi0IesHu4lb5IgpvKy7RRChh5bj/z2
ubu2qMJqopp9BQyD7VQyVfqmG6seUMJwJ1a5Avvm9r41YPSPerii3bKK2e116jK6N8ibCvnTyY/XkYGChBWT
SJePDh66erydryrZ37x1stLbPWcNAkmweyHjDinvYnbeZZO7A3NmbuxZjW7Tdf8/YwQyE00PqMc17fVPY3hk
KpAeHf8aajhbkKYbqZuER3IEWJXZsLVb1NdNg8aXRn7YrkQcYwWgptYqpfV+D7yEJ4j5muAEoler"}
"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true
---
"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: {}
  - match: { eligible_to_start_basic: true }

  - do:
    xpack.license.post_start_basic:
      acknowledge: true

  - match: { basic_was_started: true }
  - match: { acknowledged: true }

  - do:
    xpack.license.get_basic_status: {}

  - match: { eligible_to_start_basic: false }

  - do:
    catch: forbidden
    xpack.license.post_start_basic: {}

  - match: { basic_was_started: false }
  - match: { acknowledged: true }
  - match: { error_message: "Operation failed: Current license is basic." }
---
"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

  - match: { basic_was_started: false }
  - match: { acknowledged: false }
  - match: { error_message: "Operation failed: Needs acknowledgement." }

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Jan 21, 2002

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package gnu.classpath.tools.taglets;

import java.util.Map;
import com.sun.tools.doclets.Taglet;
import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

private static final String NAME = "copyright";
private static final String HEADER = "Copyright:";

public String getName() {
    return NAME;
}

public boolean inField() {
    return true;
}

public boolean inConstructor() {
    return true;
}
public boolean inMethod() {
    return true;
}

public boolean inOverview() {
    return true;
}

public boolean inPackage() {
    return true;
}

public boolean inType() {
    return true;
}

public boolean isInlineTag() {
    return false;
}

public static void register(Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[]{tag});
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    } else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
        if (haveValidTag) {
            StringBuffer result = new StringBuffer();
            result.append("<dl>");
            for (int i = 0; i < tags.length; i++) {
                if (tags[i].text().length() > 0) {
                    result.append("<dt><i>Copyright ® " + tags[i].text() + "</i></dt>");
                }
            } 
            result.append("</dl>");
        }
    }
}
result.append("</dl>");
return result.toString();
}
else {
    return null;
}
}

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// DO NOT EDIT THIS FILE - it is machine generated

#ifndef __java_security_Permission__
#define __java_security_Permission__

#include "java_security_Permission.h"

// Definitions of public functions

returnVOKE_EXECCLASS__(void, java_security_Permission)
#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
    class Permission;
    class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{

public:
    Permission(::java::lang::String *);
    virtual void checkGuard(::java::lang::Object *);
    virtual jboolean implies(::java::security::Permission *) = 0;
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual jint hashCode() = 0;
    virtual ::java::lang::String * getName();
    virtual ::java::lang::String * getActions() = 0;
    virtual ::java::security::PermissionCollection * newPermissionCollection();
    virtual ::java::lang::String * toString();

private:
    static const jlong serialVersionUID = -563657022231596674 LL;
    ::java::lang::String * __attribute__((aligned(__alignof__(::java::lang::Object)))) name;

class java::lang::Class class$;
};

#endif // __java_security_Permission__

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.. 
.de Ve " End verbatim text
.ft R
.fi
..
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.. 
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.ds C+ C\v-.1v\h'-1p\v's-2+h'1p'+s0v'.1v'\h'-1p'
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Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

@example
@var{program} Copyright (C) @var{year} @var{name of author}
This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an ``about box''.

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/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 * *
 * <p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
 * *
 * <p><code>Permission</code>'s must be immutable - do not change their
 * state after creation.
 * */
public abstract class Permission implements Guard, Serializable {

    private static final long serialVersionUID = -563657022231596674L;

    private String name;

    public Permission(String name) {
        this.name = name;
    }

    public void checkGuard(Object obj) {
        SecurityManager sm = System.getSecurityManager();
        if (sm != null) {
            sm.checkPermission(this);
        }
    }
}
/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 * @return the action list for this <code>Permission</code>
 */
public abstract String getActions();
/**
 * This method returns an empty <code>PermissionCollection</code> object
 * that can store permissions of this type, or <code>null</code> if no
 * such collection is defined. Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * <code>implies</code>.
 *
 * @return a new <code>PermissionCollection</code>
 */
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a <code>String</code> representation of this
 * <code>Permission</code> object. This is in the format:
 * <code>'(' + getClass().getName() + ' ' + getName() + ' ' + getActions
 * + ')'</code>.
 *
 * @return this object as a <code>String</code>
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    string = string.append(' ');
    string = string.append(getActions);
    string = string.append(')');

    return string.toString();
} // class Permission
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Version 2.1, February 1999

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Version 3.1, 31 March 2009

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We can probably offer suggestions.

#!/usr/bin/python
#
# Copyright (C) 2013-2016 Free Software Foundation, Inc.
#
# This script is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 3, or (at your option)
# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
#   Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
#    update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

def report(self, filename, string):
    if filename:
        string = filename + ': ' + string
    sys.stderr.write(string + '
')
    self.num_errors += 1

def ok(self):
    return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            ''])
'gpl-3.0.xml',

# Skip auto- and libtool-related files
'aclocal.m4',
'compile',
'config.guess',
'config.sub',
'depcomp',
'install-sh',
'libtool.m4',
'ltmain.sh',
'ltoptions.m4',
'lt~obsolete.m4',
'ltversion.m4',
'missing',
'mkdep',
'mkinstalldirs',
'move-if-change',
'shlibpath.m4',
'symlink-tree',
'ylwrap',

# Skip FSF mission statement, etc.
'gnu.texi',
'funding.texi',
'appendix_free.xml',

# Skip imported texinfo files.
'texinfo.tex',

)

def get_line_filter (self, dir, filename):
if filename.startswith ('ChangeLog'):
    # Ignore references to copyright in changelog entries.
    return re.compile ('	')

return None

def skip_file (self, dir, filename):
if filename in self.skip_files:
    return True

(base, extension) = os.path.splitext (os.path.join (dir, filename))
if extension in self.skip_extensions:
    return True
if extension == '.in':
    # Skip .in files produced by automake.
    if os.path.exists (base + '.am'):
        return True

    # Skip files produced by autogen
    if (os.path.exists (base + '.def')
        and os.path.exists (base + '.tpl')):
        return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists (base + '.ac'):
            return True
        if os.path.exists (base + '.in'):
            return True
    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include ‘.’ for typos.
        ranges = '\[0-9\]'  # include \ for typos
        ranges += '\[0-9,.,\s\+and\s+]*\[0-9\]

        # Non-whitespace characters in a copyright holder's name.
        name = '\[\w.,-\]

        # Matches one year.
        self.year_re = re.compile ('\[0-9\]+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)
# Matches a full copyright notice:
self.copyright_re = re.compile (
    # 1: 'Copyright (C)', etc.
    '(\[Cc\]opyright'
    '[\[Cc\]opyrights+\([Cc]\)]/'
    '[\[Cc\]opyrights+\%s'
    '[\[Cc\]opyrights+&copy;'
    '[\[Cc\]opyrights+@copyright\}]
    'copyright = u"'
    '@set/s+copyright[/w-]+')

# 2: the years. Include the whitespace in the year, so that
# we can remove any excess.
'\(s*(?::\? + ranges + '.?'
'[@value\{[\^\{][^\}]*\}\)s*]

# 3: 'by ', if used
'(by\s+)\?'

# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(' + name + '{name + ')\?')?

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile ('copyright.*[0-9][0-9]',
               re.IGNORECASE)

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ', '.
self.separator = '\n'

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (')

while index >= 0:
    self.holder_prefixes.add(holder[:index])
    index = holder.find(' ', index + 1)

def add_external_author(self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__(self, year):
        self.year = year

    def __str__(self):
        return 'unrecognised year: ' + self.year

def parse_year(self, string):
    year = int(string)
    if len(string) == 2:
        if year > 70:
            return year + 1900
        elif len(string) == 4:
            return year
    raise self.BadYear(string)

def year_range(self, years):
    year_list = [self.parse_year(year)
                 for year in self.year_re.findall(years)]
    assert len(year_list) > 0
    return (min(year_list), max(year_list))

def set_use_quilt(self, use_quilt):
    self.use_quilt = use_quilt

def include_year(self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years(self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value'):
        return years

    (min_year, max_year) = self.year_range(years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file(dir, filename):
        max_year = max(max_year, self.max_year)

    # Use a range.
if min_year == max_year:
    return '%d' % min_year
else:
    return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):
    line = line.lstrip()
    match = self.comment_re.match(line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != ':
            self.errors.report(pathname,
                               'trailing characters in @set: '
                               + after_years)
            return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add the next line.
        while not self.is_complete(match):
            try:
                next_line = file.next()
            except StopIteration:
                break
            # If the next line doesn't look like a proper continuation,
            # assume that what we've got is complete.
            continuation = self.strip_continuation(next_line)
            if not self.continuation_re.match(continuation):
                break

            # Merge the lines for matching purposes.
            orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
match = self.copyright_re.match (line, match.start())
assert match

holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname, 'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
    return (False, orig_line, next_line)

    line = (line[:match.start (2)]
            + ('' if intro.startswith ('copyright = ') else ' ')
            + canon_form + self.separator
+ line[match.end (2):]

# Use the standard (C) form.
if intro.endswith ('right'): 
    intro += (C)
elif intro.endswith ('(c)'): 
    intro = intro[:-3] + '(C') 
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace 
line = line.rstrip() + '\n'
return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return
    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match (line)):
                    match = self.copyright_re.search (line)
                    if match:
                        res = self.update_copyright (dir, filename, filter,
                                                    file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed

                # Check for copyright lines that might have slipped by.
                elif self.other_copyright_re.search (line):
                    self.errors.report (pathname,
                                        'unrecognised copyright: %s'
                                        % line.strip())
                    lines.append (line)
                    line = next_line
# If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
    with open (tmp_pathname, 'w') as file:
        for line in lines:
            file.write (line)
    if self.use_quilt:
        subprocess.call (["quilt", 'add', pathname])
    os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s\n'
                                   % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option ('--help', 'Print this help', self.o_help)
        self.add_option ('--quilt', "'quilt add' files before changing them",
                         self.o_quilt)
        self.add_option ('--this-year', 'Add the current year to every notice",
                         self.o_this_year)

    def add_option (self, name, help, handler):
        self.option_help.append ((name, help))
        self.option_handlers[name] = handler

    def add_dir (self, dir, filter = GenericFilter()):
        self.dirs.append ((dir, filter))
def o_help(self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...
    ' % sys.argv[0])
    format = '%-15s %s
    ' for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('Directories:
    ' for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '
    ' else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt(self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
            self.chosen_dirs = self.default_dirs
        if len (self.chosen_dirs) == 0:
            self.o_help()
        else:
            for chosen_dir in self.chosen_dirs:
                canon_dir = os.path.join (chosen_dir, '')
                count = 0
                for (dir, filter) in self.dirs:
                    if (dir + os.sep).startswith (canon_dir):
                        count += 1
                self.copyright.process_tree (dir, filter)
                if count == 0:
                    self.errors.report (None, 'unrecognised directory: '}

}
sys.exit (0 if self.errors.ok() else 1)

class TopLevelFilter (GenericFilter):
def skip_dir (self, dir, subdir):
    return True

class ConfigFilter (GenericFilter):
def __init__ (self):
    GenericFilter.__init__ (self)
def skip_file (self, dir, filename):
    if filename.endswith ('.m4'):
        pathname = os.path.join (dir, filename)
        with open (pathname) as file:
            # Skip files imported from gettext.
            if file.readline().find ('gettext-') >= 0:
                return True
        return GenericFilter.skip_file (self, dir, filename)

class GCCFilter (GenericFilter):
def __init__ (self):
    GenericFilter.__init__ (self)
    self.skip_files |= set ([
        # Not part of GCC
        'math-68881.h',
        ])
    self.skip_dirs |= set ([
        # Better not create a merge nightmare for the GNAT folks.
        'ada',
        # Handled separately.
        'testsuite',
        ])
    self.skip_extensions |= set ([
        # Maintained by the translation project.
        '.po',
        # Automatically-generated.
        '.pot',
        ])
    self.fossilised_files |= set ([
        # Handled separately.
        'fossilized',
        ])}
class TestsuiteFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set (
            # Don't change the tests, which could be woend by anyone.
            ['.c',
             '.C',
             '.cc',
             '.h',
             '.hs',
             '.f',
             '.f90',
             '.go',
             '.inc',
             '.java',
            ]
        )

    def skip_file (self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
            return True
        return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_extensions |= set (
            # Maintained by the translation project.
            ['.po',
             '.po',
             '.pot',
            ]
        )

        self.skip_dirs |= set (
            # Automatically-generated.
            ['.pot',
             ]
        )

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (
            # Imported from GLIBC.
            'soft-fp',
            ]
        )
class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (]
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        )

    def get_line_filter (self, dir, filename):
        if filename == 'NameDecoder.h':
            return re.compile ('.*NAME_COPYRIGHT')
        if filename == 'ICC_Profile.h':
            return re.compile ('.*icSigCopyrightTag')
        return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set (]
            # Handled separately.
            'testsuite',

class LibStdCxxFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set (]
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',

        self.skip_dirs |= set (]
            # Contains automatically-generated sources.
            'html',

            # The testsuite data files shouldn’t be changed.
'data',

    # Contains imported images
    'images',
    ])

self.own_files |= set([
    # Contains markup around the copyright owner.
    'spine.xml',
    ])

def get_line_filter(self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile ('// \(C\) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright (Copyright):
    def __init__(self, errors):
        Copyright.__init__(self, errors)
        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author ('Free Software Foundation', canon_fsf)
        self.add_package_author ('Free Software Foundation.', canon_fsf)
        self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author ('The Free Software Foundation', canon_fsf)
        self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('Software Foundation, Inc.', canon_fsf)
        self.add_package_author ('ARM')
        self.add_package_author ('AdaCore')
        self.add_package_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_package_author ('Cavium Networks.')
        self.add_package_author ('Faraday Technology Corp.')
        self.add_package_author ('Florida State University')
        self.add_package_author ('Greg Colvin and Beman Dawes.')
        self.add_package_author ('Hewlett-Packard Company')
        self.add_package_author ('Information Technology Industry Council.')
        self.add_package_author ('James Theiler, Brian Gough')
        self.add_package_author ('Makoto Matsumoto and Takuji Nishimura,')
        self.add_package_author ('National Research Council of Canada.')
        self.add_package_author ('NVIDIA Corporation')
        self.add_package_author ('Peter Dimov and Multi Media Ltd.')
        self.add_package_author ('Peter Dimov')
        self.add_package_author ('Pipeline Associates, Inc.')
        self.add_package_author ('Regents of the University of California.')
        self.add_package_author ('Silicon Graphics Computer Systems, Inc.')
class GCCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)
        self.add_dir ('.', TopLevelFilter())
        self.add_dir ('config', ConfigFilter())
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnat tools')
        self.add_dir ('include')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libc++', LibCppFilter())
        self.add_dir ('libdecnumber')
        self.add_dir ('libgcc', LibGCCFilter())
        self.add_dir ('libgfortran')
        self.add_dir ('libgomp')
        self.add_dir ('libiberty')
        self.add_dir ('libitm')
        self.add_dir ('libjava', LibJavaFilter())
        self.add_dir (os.path.join ('libjava', 'testsuite'), TestsuiteFilter())
        self.add_dir ('libmudflap', LibMudflapFilter())
        self.add_dir (os.path.join ('libmudflap', 'testsuite'), TestsuiteFilter())
        self.add_dir ('libobjc')
        self.add_dir ('libquadmath')
        self.add_dir ('libssp')
        self.add_dir ('libstdc++-v3', LibStdCxxFilter())
        self.add_dir ('libtv')
        self.add_dir ('lto-plugin')
        self.add_dir ('zlib')

# zlib is imported from upstream.
self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecrnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

GCCCmdLine().main()

1f+gnu/classpath/tools/taglets/CopyrightTagletjava/lang/Objectcom/sun/tools/doclets/TagletNAMEJava/lang/Strin
g;
ConstantValuecopyrightHEADER
Copyright:<init>()VC ode
LineNumberTableLocalVariableTablethis->
Lgnu/classpath/tools/taglets/CopyrightTaglet;getName()Ljava/lang/String;inField()iZ
inConstructorinMethod
inOverviewinPackageinTypeisInlineTagregister(Ljava/util/Map;)V

&(^)
java/util/Map+,put8(Ljava/lang/Object;Ljava/lang/Object;);Ljava/lang/Object;
tagletMapLjava/util/Map;copyrightTaglettoString)(Lcom/sun/javadoc/Tag;)Ljava/lang/String;3com/sun/javadoc/T a
g
506*(|Lcom/sun/javadoc/Tag;):Ljava/lang/String;tagLcom/sun/javadoc/Tag;2c;:text
=!?java/lang/String@Alength()ICjava/lang/StringBuffer
BF<dt>
BHIjappend,(Ljava/lang/String;):Ljava/lang/StringBuffer;Ljava/lang/StringBuilderN<dt><i>Copyright &amp;#169;
KPQ(Ljava/lang/String;);V
KSIT<(Ljava/lang/String;):Ljava/lang/StringBuilder;V</i></dt>
KX0Z</dt>
BXtags[Lcom/sun/javadoc/Tag;haveValidTagZiIresultLjava/lang/StringBuffer;
SourceFileCopyrightTaglet.java!

/*1-
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/01A
*2Y+S4\n
7806)++>+29<=+_BYDN-EGW67+29<-KYMO+29RURWGW+-YGW-[F'adefge+k/l7m>nDoSpunstw>\}^_`a7TbcA>"ade
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as the successor of the GNU Library Public License, version 2, hence the
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<td>lib/interception/mach_override</td>
</tr>
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<td>1java/security/acl/Permissionjava/lang/Object.equals(Ljava/lang/Object;)Ljava/lang/String;</td>
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```java
#include <java/lang/Object.h>
```
extern "Java"
{
namespace java
{
namespace security
{
namespace acl
{
    class Permission;
}
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{
public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
    static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlef(s(detlef@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)

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<http://www.gnu.org/licenses/>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
   underscores, we are using prefix `.'s to identify labels that should
   be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t"  /* Should not be used for 32bit compilation. */
/* This was suggested, but it shouldn't be right for DBX output. -- RMS */
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line that says to advance the location counter by SIZE bytes. */
#define ASM_OUTPUT_SKIP(FILE, SIZE) \fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line to define a global common symbol. */
#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \( fputs (".comm ", (FILE)), \assemble_name ((FILE), (NAME)), \fprintf ((FILE), ",%u\n", (int)(ROUNDED))\)

/* This says how to output an assembler line to define a local common symbol. */
#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \( fputs (".lcomm ", (FILE)), \assemble_name ((FILE), (NAME)), \fprintf ((FILE), ",%u\n", (int)(ROUNDED))\)

#if defined HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \( fputs (".lcomm ", (FILE)), \assemble_name ((FILE), (NAME)), \fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line that says to advance the location counter to a multiple of 2**LOG bytes. */
#define ASM_OUTPUT_ALIGN(FILE, LOG) if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF the symbol_ref name of an internal numbered label where PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)\  
sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */
#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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/**
   * This interface provides information about a permission that can be
   * granted. Note that this is <em>not</em> the same as the class
   * <code>java.security.Permission</code>.
   *
   * @version 0.0
   *
   * @author Aaron M. Renn (arenn@urbanophile.com)
   */
public interface Permission
{
    /**
     * This method tests whether or not a specified <code>Permission</code>
     * (passed as an <code>Object</code>) is the same as this permission.
     *
     * @param perm The permission to check for equality
     *
     * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
     */
    boolean equals (Object perm);

    /**
     * This method returns this <code>Permission</code> as a <code>String</code>.
     *
     * @return A <code>String</code> representing this permission.
     */
    String toString();
}

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#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
namespace gnu
{
namespace javax
{
namespace sound
{
    class AudioSecurityManager$Permission;
}
class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{
    AudioSecurityManager$Permission(::java::lang::String *, jint);
    public:
    static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
    static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
    static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
    static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
    private:
    static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
    public:
    static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

1.1434 fuse 2.9.2 11.el7
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.o: $(srcdir)/%.c
 $(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
 $(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.d: $(srcdir)/%.c

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@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $< \n
| sed "s/\(^.*\)/.o : /g" > $@; \n[ -s $@ ] \|| rm -f $@"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$\{(GEN_DEPS.cc) $< \n
| sed "s/\(^.*\)/.o : /g" > $@; \n[ -s $@ ] \|| rm -f $@"

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
'http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>ICU License - moved to LICENSE</title>
</head>
<body BGCOLOR="#ffffff">
<p>
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</body>
1.1441 path-is-inside 1.0.2

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1.1442 postgresql-contrib 9.6.12-1.pgdg90+1

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1.1443 libxrender 1:0.9.10 1

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iconv (Charset Conversion Library) v2.0

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DRuntime: Runtime Library for the D Programming Language

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This package was debianized by Stephen Crowley crow@debian.org and is now maintained by Aurelien Jarno <aurel32@debian.org>.

It was downloaded from http://www.lm-sensors.org/

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1.1458 krblocales 1.17 6ubuntu4.1

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
and the initial implementation of incremental propagation, including
the following new or changed files:

include/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/kpropl og.c

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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
and the initial implementation of incremental propagation, including
the following new or changed files:

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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
  jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java

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 */

/*
 * Execute the proprietary document-location() function, which returns
 * a node set of documents.
 * @xsl.usage advanced
 */

Found in path(s):
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*/

// Proprietary
/** The 'document-location()' id (Proprietary). */

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*/

/*
* $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $ */
package org.apache.xalan;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information. This class will replace the older
 * org.apache.xalan.processor.Version class.</P>
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties for
 * information about the version of the XSLT spec we support.</P>
 * @xsl.usage general
 */

public class Version {

    /**
     * Get the basic version string for the current Xalan release.
     * Version String formatted like
     * <CODE>"<B>Xalan</B> <B>Java</B> v.r[.dd| <B>D</B>nn"]</CODE>.
     * <P>Futurework: have this read version info from jar manifest.
     * @return String denoting our current version
     */

    public static String getVersion() {
        return getProduct() + " " + getImplementationLanguage() + " 
            + getMajorVersionNum() + "." + getReleaseVersionNum() + "."
            +( getDevelopmentVersionNum() > 0 ) ? ("D" + getDevelopmentVersionNum() ) : ("" + getMaintenanceVersionNum() );
    }

    /**
     * Print the processor version to the command line.
     * @param argv command line arguments, unused.
     */

    public static void main(String argv[]) {
        System.out.println(getVersion());
    }

    /**
     * Name of product: Xalan.
     */

    public static String getProduct() {
        return "Xalan";
    }
}
return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 * 
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 * 
 * - a new set of functionality is to be added, eg,
 *   implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.

public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to
* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
*/
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")) .length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/XPathFactory.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/TraceListenerEx2.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/lib/sql/JNDIConnectionPool.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTMManager.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/cmdline/Transform.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTMManager.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/jaxp/XPathExpressionImpl.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTMManager.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/cmdline/Transform.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/jaxp/XPathExpressionImpl.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTMManager.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/cmdline/Transform.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/jaxp/XPathExpressionImpl.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTMManager.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/cmdline/Transform.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xpath/axes/UnionChildIterator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/templates/PathPathChecker.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/runtime/ErrorMessages_ca.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/DOMEnhancedForDTM.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xpath/operations/String.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/res/XSLTErrorResources_de.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xsltc/dom/SortSettings.java
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/EmptyFilter.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/transformer/XSLInfiniteLoopException.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xpath/operations/Lt.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xml/utils/res/XResources_de.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xml/utils/DefaultErrorHandler.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xpath/functions/FuncUnparsedEntityURI.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/res/XSLTErrorResources_en.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xml/res/XMLErrorResources_zh.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xalantemplates/ElemNumber.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/lib/sql/SQLQueryParser.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/runtime/output/WriterOutputBuffer.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/runtime/ObjectFactory.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xsltc/cmdline/Compile.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xml/utils/ObjectVector.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/ConcatCall.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/SyntaxTreeNode.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xpath/res/XPATHErrorResources_ca.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/SecuritySupport.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/ConCatCall.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/SyntaxTreeNode.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xpath/res/XPATHErrorResources_ca.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/ConCatCall.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/SyntaxTreeNode.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/SecuritySupport.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources_zh.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages_zh_CN.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/util/ErrorMessages_pt_BR.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xalan/templates/ElemExtensionCall.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/templates/ElemSort.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/SymbolTable.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionNamespaceSupport.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xalan/templates/ElemText.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/XResources_he.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources_tr.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/jaxp/JAXPExtensionsProvider.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/StringComparable.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionHandler.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/utils/MsgKey.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources_cs.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/transformer/XalanTransformState.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/dom/ArrayNodeListIterator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/templates/ElemParam.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Attribute.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/AttributeSetMethodGenerator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/StepPattern.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/templates/VarNameCollector.java

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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/AttributeSet.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/trax/TrAXFilter.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/axes/LocPathIterator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/Param.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/trax/TemplatesImpl.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/transformer/KeyTable.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/templates/Constants.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Template.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/axes/SubContextList.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/CachedNodeListIterator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/CurrentNodeListFilter.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTMDOMException.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/ref/EmptyIterator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/res/XResources_en.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/QName.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/XMLStringDefault.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/transformer/KeyTable.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/Template.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/templates/Constants.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/functions/FuncTrue.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/ApplyTemplates.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/res/XResources_en.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/CurrentNodeListFilter.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/DTDException.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/ref/TextIterator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/ref/SAXSourceLocator.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/dtm/ref/EmptyIterator.java
jar/org/apache/xalan/xslt/compiler/Include.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xml/serializer/utils/Utils.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xml/dtm/ObjectFactory.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xslt/compiler/AttributeValue.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xslt/compiler/XslAttribute.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/patterns/NodeTest.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xml/serializer/ElemDesc.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/trace/TraceListenerEx3.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/functions/FuncExtFunction.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xml/serializer/utils/SerializerMessages_cs.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xsltc/trax/DOM2SAX.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/templates/ElemTemplateElement.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/functions/Function.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/objects/XStringForChars.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xslt/dom/AdaptiveResultTreeImpl.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/templates/XUnresolvedVariableSimple.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xslt/compiler/util/TypeCheckError.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/domapi/XPathExpressionImpl.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/functions/FuncFloor.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xml/res/XMLErrorResources_sk.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xslt/compiler/NamespaceAlias.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/trace/TraceListener.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xalan/xslt/compiler/CompilerException.java
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    */

    /*
    * $Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas $
    */

    /*
    * @author Jacek Ambroziak
    * @author Santiago Pericas-Geertsen
    * @author Morten Jorgensen
    * 
    */

    package org.apache.xalan.xsltc.compiler;

    import java_cup.runtime.Symbol;
    
    %
    %cup
    %unicode
    %class XPathLexer
    %yyleof
    
    {
        int last;
void initialize() {
    last = -1;
}

static boolean isWhitespace(int c) {
    return (c == ' ' || c == '	' || c == '' || c == '
' || c == '');
}

/**
 * If symbol is not followed by '::' or ')', then treat it as a
 * name instead of an axis or function (Jira-1912).
 */
Symbol disambiguateAxisOrFunction(int ss) throws Exception {
    // Peek in the input buffer without changing the internal state
    int index = yy_buffer_index;

    // Skip whitespace
    while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
        index++;
    }

    // If end of buffer, can't disambiguate :
    if (index >= yy_buffer_read) {
        // Can't disambiguate, so return as symbol
        return new Symbol(ss);
    }

    // Return symbol if next token is '::' or '('.
    return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
            yy_buffer[index] == '(' ?
            newSymbol(ss) : newSymbol(sym.QNAME, yytext()));
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
Symbol disambiguateOperator(int ss) throws Exception {
    switch (last) {
    case -1: // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:
        case sym.AND:
case sym.OR:
case sym.MOD:
case sym.DIV:
case sym.MULT:
case sym.SLASH:
case sym.DSLASH:
case sym.VBAR:
case sym.PLUS:
case sym.MINUS:
case sym.EQ:
case sym.NE:
case sym.LT:
case sym.LE:
case sym.GT:
case sym.GE:
    return newSymbol(sym.QNAME, yytext());
}
return newSymbol(ss);
case sym.GE:
    return newSymbol(sym.STAR);
}
return newSymbol(sym.MULT);

Symbol newSymbol(int ss) {
    last = ss;
    return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Long value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
    last = ss;
    return new Symbol(ss, value);
}
%
%eofval{
    return newSymbol(sym.EOF);
}%eofval

%yylexthrow{
    Exception
%yylexthrow

Letter={BaseChar}|{Ideographic}

BaseChar=[A-Za-zÀ-ÖØ-öø-ÿĀ-ıĴ-
ľŁ-ňŊ-žƀ-ǃǍ-Ǵ-Ǻ-ȗɐ-
ʨ-ʻ-ˁ-Ά-Έ-Ί-Ό-Ύ-Σ-ώ-ϐ-
LowSurrogate=\uDC00-\uDFFF

%%

"*"                      { return disambiguateStar(); }
"/"                      { return newSymbol(sym.SLASH); }
"+"                      { return newSymbol(sym.PLUS); }
"-"                      { return newSymbol(sym.MINUS); }
"div"                    { return disambiguateOperator(sym.DIV); }
"mod"                    { return disambiguateOperator(sym.MOD); }
"::"                     { return newSymbol(sym.DCOLON); }
","                      { return newSymbol(sym.COMMA); }
"@"                      { return newSymbol(sym.ATSIGN); }
".."                     { return newSymbol(sym.DDOT); }
"|"                      { return newSymbol(sym.VBAR); }
"$"                      { return newSymbol(sym.DOLLAR); }
"//"                     { return newSymbol(sym.DSLASH); }
"="                      { return newSymbol(sym.EQ); }
"!="                     { return newSymbol(sym.NE); }
"<"                      { return newSymbol(sym.LT); }
">"                      { return newSymbol(sym.GT); }
"<="                     { return newSymbol(sym.LE); }
">="                     { return newSymbol(sym.GE); }
"id"                     { return disambiguateAxisOrFunction(sym.ID); }
"key"                    { return disambiguateAxisOrFunction(sym.KEY); }
"text()"                 { return newSymbol(sym.TEXT); }
"text"+[ \t\n\f]+"()"    { return newSymbol(sym.TEXT); }
"node()"                 { return newSymbol(sym.NODE); }
"node"+[ \t\n\f]+"()"    { return newSymbol(sym.NODE); }
"comment()"              { return newSymbol(sym.COMMENT); }
"comment"+[ \t\n\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction()" { return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction"  { return newSymbol(sym.PI); }
"processing-instruction"+[ \t\n\f]+"()" { return newSymbol(sym.PI); }
"or"                     { return disambiguateOperator(sym.OR); }
"and"                    { return disambiguateOperator(sym.AND); }
"child"                  { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute"              { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor"               { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self"       { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant"             { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self"     { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following"              { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling"      { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
"namespace"              { return disambiguateAxisOrFunction(sym.NAMESPACE); }
"parent"                 { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding"              { return disambiguateAxisOrFunction(sym.PRECEDING); }

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* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xpath/patterns/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
jar/org/apache/xpath/functions/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/templates/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/transformer/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/lib/sql/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/res/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/trace/package.html
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* No license file was found, but licenses were detected in source scan.

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* limitations under the License.
import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;

import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;

parser code {

    static public final Vector EmptyArgs = new Vector(0);

    static public final VariableRef DummyVarRef = null;

    private Parser _parser;
    private XSLTC _xsltc;

    private String _expression;
}
private int _lineNumber = 0;

public SymbolTable _symbolTable;

public XPathParser(Parser parser) {
    _parser = parser;
    _xsltc = parser.getXSLTC();
    _symbolTable = parser.getSymbolTable();
}

class Native { ... }

public int getLineNumber() {
    return _lineNumber;
}

class Native { ... }

public QName getQNameIgnoreDefaultNs(String name) {
    return _parser.getQNameIgnoreDefaultNs(name);
}

class Native { ... }

public QName getQName(String namespace, String prefix, String localname) {
    return _parser.getQName(namespace, prefix, localname);
}

class Native { ... }

public void setMultiDocument(boolean flag) {
    _xsltc.setMultiDocument(flag);
}

class Native { ... }

public void setCallsNodeset(boolean flag) {
    _xsltc.setCallsNodeset(flag);
}

class Native { ... }

public void setHasIdCall(boolean flag) {
    _xsltc.setHasIdCall(flag);
}

class Native { ... }

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "*[uri]:*" and "*[uri]:@*". The last two
 * patterns are expanded as "*[namespace-uri() = 'uri']" and
 * "*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 */
* expansion to be correct, the priority of the pattern/template must be
* set to -0.25 (when no other predicates are present).
*/

    public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
        int nodeType;
        if (test == null) {  // "*"
            nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
                (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
            return new StepPattern(axis, nodeType, predicates);
        }
        else if (test instanceof Integer) {
            nodeType = ((Integer) test).intValue();
            return new StepPattern(axis, nodeType, predicates);
        }
        else {
            QName name = (QName)test;
            boolean setPriority = false;
            if (axis == Axis.NAMESPACE) {
                nodeType = (name.toString().equals("*") ? -1 :
                    _xsltc.registerNamespacePrefix(name));
            } else {
                final String uri = name.getNamespace();
                final String local = name.getLocalPart();
                final QName namespace_uri =
                    _parser.getQNameIgnoreDefaultNs("namespace-uri");

                // Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
                if (uri != null && (local.equals("*") || local.equals("@*")))) {
                    if (predicates == null) {
                        predicates = new Vector(2);
                    }
                    // Priority is set by hand if no other predicates exist
                    setPriority = (predicates.size() == 0);
                    predicates.add(
                        new Predicate(;
                            new EqualityExpr(Operators.EQ,
                                new NamespaceUriCall(namespace_uri),
                                new LiteralExpr(uri))));
                }

                // Priority is set by hand if no other predicates exist
                setPriority = (predicates.size() == 0);
                predicates.add(
                    new Predicate(;
                        new EqualityExpr(Operators.EQ,
                            new NamespaceUriCall(namespace_uri),
                            new LiteralExpr(uri))));
            }
            if (local.equals("*")) {
nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE : NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
   .nodeType = NodeTest.ATTRIBUTE;
}
else {
    nodeType = (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name) : _xsltc.registerElement(name);
}
}

final StepPattern result = new StepPattern(axis, nodeType, predicates);

// Set priority for case prefix:* and prefix:@* (no predicates)
if (setPriority) {
    result.setPriority(-0.25);
}

return result;
}

public int findNodeType(int axis, Object test) {
if (test == null) { // *
}
else if (test instanceof Integer) {
    return ((Integer)test).intValue();
}
else {
    QName name = (QName)test;

    if (axis == Axis.NAMESPACE) {
        return (name.toString().equals("*")) ? -1 : _xsltc.registerNamespacePrefix(name);
    }
    if (name.getNamespace() == null) {
        final String local = name.getLocalPart();

        if (local.equals("*")) {
            return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE : NodeTest.ELEMENT;
        }
        else if (local.equals("@*")) {

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
 * @param lineNumber Line where the current expression is defined.
 * @param external   Set to <tt>true</tt> if this expression is
 *                   compiled in a separate module.
 */

public Symbol parse(String expression, int lineNumber) throws Exception {
  try {
    _expression = expression;
    _lineNumber = lineNumber;
    return super.parse();
  }
  catch (IllegalCharException e) {
    ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
                               lineNumber, e.getMessage());
    _parser.reportError(Constants.FATAL, err);
  }
  return null;
}

/**
 * Lookup a variable or parameter in the symbol table given its name.
 * @param name Name of the symbol being looked up.
 */

final SyntaxTreeNode lookupName(QName name) {
  // Is it a local var or param ?
  final SyntaxTreeNode result = _parser.lookupVariable(name);
  if (result != null)
    return(result);
  else
    return(_symbolTable.lookupName(name));
}
public final void addError(ErrorMsg error) {
    _parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
            _expression);
    _parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
    // empty
}

public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
    if (rlp instanceof Step) {
        return new ParentLocationPath(step, (Step) rlp);
    }
    else if (rlp instanceof ParentLocationPath) {
        final ParentLocationPath plp = (ParentLocationPath) rlp;
        final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
        return new ParentLocationPath(newrlp, plp.getStep());
    }
    else {
        addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep");
        return rlp;
    }
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
    return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
            axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
}

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QName;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

non terminal SyntaxTreeNode TopLevel;

non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;
non terminal Expression VariableReference, FunctionCall;
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;
non terminal Pattern Pattern;
non terminal Pattern LocationPathPattern;
non terminal StepPattern ProcessingInstructionPattern;
non terminal RelativePathPattern RelativePathPattern;
non terminal StepPattern StepPattern;
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;
non terminal QName QName, FunctionName, VariableName;
non terminal Integer AxisName, AxisSpecifier;
non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;
precedence left OR;
precedence left AND;
precedence nonassoc EQ, NE;
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;
precedence left DIV, MOD, MULT;
precedence left DOLLAR;
precedence left ATSIGN;
precedence right DCOLOM;

start with TopLevel;
TopLevel ::= PATTERN Pattern:pattern
   [: RESULT = pattern : ]

   | EXPRESSION Expr:expr
   [: RESULT = expr : ];

/* --------------------------- Patterns ----------------------------------- */

Pattern ::= LocationPathPattern:lpp
   [: RESULT = lpp : ]

   | LocationPathPattern:lpp VBAR Pattern:p
   [: RESULT = new AlternativePattern(lpp, p) : ];

LocationPathPattern ::= SLASH
   [: RESULT = new AbsolutePathPattern(null) : ]

   | SLASH RelativePathPattern:rpp
   [: RESULT = new AbsolutePathPattern(rpp) : ]

   | IdKeyPattern:ikp
   [: RESULT = ikp : ]

   | IdKeyPattern:ikp SLASH RelativePathPattern:rpp
   [: RESULT = new ParentPattern(ikp, rpp) : ]

   | IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
   [: RESULT = new AncestorPattern(ikp, rpp) : ]

   | DSLASH RelativePathPattern:rpp
   [: RESULT = new AncestorPattern(rpp) : ]

   | RelativePathPattern:rpp
   [: RESULT = rpp : ];

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
   [: RESULT = new IdPattern(l);
      parser.setHasIdCall(true);
   : ]

   | KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
   [: RESULT = new KeyPattern(l1, l2) : ];

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
   [: RESULT = new ProcessingInstructionPattern(l) : ];

RelativePathPattern ::= StepPattern:sp
   [: RESULT = sp : ]
StepPattern ::= NodeTestPattern:nt
{: RESULT = parser.createStepPattern(Axis.CHILD, nt, null); :}

NodeTestPattern::nt Predicates:pp
{: RESULT = parser.createStepPattern(Axis.CHILD, nt, pp); :}

ProcessingInstructionPattern::pip
{: RESULT = pip; :}

ProcessingInstructionPattern::pip Predicates:pp
{: RESULT = (ProcessingInstructionPattern::pip.setPredicates(pp); :}

ChildOrAttributeAxisSpecifier::axis NodeTestPattern::nt
{: RESULT = parser.createStepPattern(axis.intValue(), nt, null); :}

ChildOrAttributeAxisSpecifier::axis
NodeTestPattern::nt Predicates:pp
{: RESULT = parser.createStepPattern(axis.intValue(), nt, pp); :}

ChildOrAttributeAxisSpecifier::axis ProcessingInstructionPattern::pip
{: RESULT = pip; // TODO: report error if axis is attribute :}

ChildOrAttributeAxisSpecifier::axis ProcessingInstructionPattern::pip
Predicates:pp
{: // TODO: report error if axis is attribute
   RESULT = (ProcessingInstructionPattern::pip.setPredicates(pp); :};

NodeTestPattern ::= NameTestPattern::nt
{: RESULT = nt; :}
| NODE
{: RESULT = new Integer(NodeTest.ANODE); :}

| TEXT
{: RESULT = new Integer(NodeTest.TEXT); :}

| COMMENT
{: RESULT = new Integer(NodeTest.COMMENT); :}

| PI
{: RESULT = new Integer(NodeTest.PI); :}

NameTestPattern ::= STAR
{: RESULT = null; :}

| QName:qn
{: RESULT = qn; :}

ChildOrAttributeAxisSpecifier ::= ATSIGN
{: RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD DCOLON
{: RESULT = new Integer(Axis.CHILD); :}

| ATTRIBUTE DCOLON
{: RESULT = new Integer(Axis.ATTRIBUTE); :};

Predicates ::= Predicate:p
{: Vector temp = new Vector();
temp.addElement(p);
RESULT = temp;
:}

| Predicate:p Predicates:pp
{: pp.insertElementAt(p, 0); RESULT = pp; :}

Predicate ::= LBRACK Expr:e RBRACK
{: RESULT = new Predicate(e); :

/* --------------------------- Expressions --------------------------------- */

Expr ::= OrExpr:ex
{: RESULT = ex; :}
OrExpr ::= AndExpr:ae
    { RESULT = ae; : }

| OrExpr:oe OR AndExpr:ae
    { RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); : }; |

AndExpr ::= EqualityExpr:ee
    { RESULT = ee; : }

| AndExpr:ae AND EqualityExpr:ee
    { RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); : }; |

EqualityExpr ::= RelationalExpr:re
    { RESULT = re; : }

| EqualityExpr:ee EQ RelationalExpr:re
    { RESULT = new EqualityExpr(Operators.EQ, ee, re); : }

| EqualityExpr:ee NE RelationalExpr:re
    { RESULT = new EqualityExpr(Operators.NE, ee, re); : }; |

RelationalExpr ::= AdditiveExpr:ae
    { RESULT = ae; : }

| RelationalExpr:re LT AdditiveExpr:ae
    { RESULT = new RelationalExpr(Operators.LT, re, ae); : }

| RelationalExpr:re GT AdditiveExpr:ae
    { RESULT = new RelationalExpr(Operators.GT, re, ae); : }

| RelationalExpr:re LE AdditiveExpr:ae
    { RESULT = new RelationalExpr(Operators.LE, re, ae); : }

| RelationalExpr:re GE AdditiveExpr:ae
    { RESULT = new RelationalExpr(Operators.GE, re, ae); : }; |

AdditiveExpr ::= MultiplicativeExpr:me
    { RESULT = me; : }

| AdditiveExpr:ae PLUS MultiplicativeExpr:me
    { RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); : }

| AdditiveExpr:ae MINUS MultiplicativeExpr:me
    { RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); : }; |

MultiplicativeExpr ::= UnaryExpr:ue
    { RESULT = ue; : }
MultiplicativeExpr::me MULT UnaryExpr::ue  
{ : RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); : }

MultiplicativeExpr::me DIV UnaryExpr::ue  
{ : RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); : }

MultiplicativeExpr::me MOD UnaryExpr::ue  
{ : RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :; }

UnaryExpr ::= UnionExpr::ue  
{ : RESULT = ue; : }

MINUS UnaryExpr::ue  
{ : RESULT = new UnaryOpExpr(ue); :; }

UnionExpr ::= PathExpr::pe  
{ : RESULT = pe; : }

PathExpr::pe VBAR UnionExpr::rest  
{ : RESULT = new UnionPathExpr(pe, rest); :; }

PathExpr ::= LocationPath::lp  
{ : RESULT = lp; : }

FilterExpr::fexp  
{ : RESULT = fexp; : }

FilterExpr::fexp SLASH RelativeLocationPath::rlp  
{ : RESULT = new FilterParentPath(fexp, rlp); : }

FilterExpr::fexp DSLASH RelativeLocationPath::rlp  
{ :
  // Expand '//' into '/descendant-or-self::node()/'' or
  // into /descendant-or-self::*/
  //
  int nodeType = DOM.NO_TYPE;
  if (rlp instanceof Step &&
      parser.isElementAxis(((Step) rlp).getAxis()))
  {
    nodeType = DTM.ELEMENT_NODE;
  }
  final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
  FilterParentPath fpp = new FilterParentPath(fexp, step);
  fpp = new FilterParentPath(fpp, rlp);
  if (fexp instanceof KeyCall == false) {
    fpp.setDescendantAxis();
  }
}
RESULT = fpp;
;
LocationPath ::= RelativeLocationPath:rlp
  {: RESULT = rlp; :}
  
  | AbsoluteLocationPath:alp
  {: RESULT = alp; :};

RelativeLocationPath ::= Step:step
  {: RESULT = step; :}
  
  | RelativeLocationPath:rlp SLASH Step:step
  {: RESULT = new ParentLocationPath((RelativeLocationPath) rlp, step); :}
  
  | AbbreviatedRelativeLocationPath:arlp
  {: RESULT = arlp; :};

AbsoluteLocationPath ::= SLASH
  {: RESULT = new AbsoluteLocationPath(); :}
  
  | SLASH RelativeLocationPath:rlp
  {: RESULT = new AbsoluteLocationPath(rlp); :}
  
  | AbbreviatedAbsoluteLocationPath:aalp
  {: RESULT = aalp; :};

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
  {: RESULT = new ParentLocationPath((RelativeLocationPath) rlp, step); :}
  
  final Step right  = (Step)step;
  final int  axis   = right.getAxis();
  final int  type   = right.getNodeType();
  final Vector predicates = right.getPredicates();

  if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
      // Compress '/child:E' into 'descendant::E' - if possible
      if (predicates == null) {
          RESULT = rlp; // Remove 'l.' from the end
      } else if (((Step) step).isAbbreviatedDot()) {
          RESULT = rlp; // Remove 'l.' from the end
      } else {
          RESULT =
          new ParentLocationPath((RelativeLocationPath) rlp, step);
      }
  }
right.setAxis(Axis.DESCENDANT);
if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
    RESULT = right;
} else {
    // Expand 'rlp//child::E' into 'rlp/descendant::E'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    RESULT = new ParentLocationPath(left, right);
}
else {
    // Expand './/step' -> 'descendant-or-self::*/step'
    if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
        Step left = new Step(Axis.DESCENDANTORSELF,
        DTM.ELEMENT_NODE, null);
        RESULT = new ParentLocationPath(left, right);
    }
    else {
        // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/step'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
        Step mid = new Step(Axis.DESCENDANTORSELF,
        DTM.ELEMENT_NODE, null);
        ParentLocationPath ppl = new ParentLocationPath(mid, right);
        RESULT = new ParentLocationPath(left, ppl);
    }
}
else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
    // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step middle = new Step(Axis.DESCENDANTORSELF,
    DTM.ELEMENT_NODE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
} else {
    // Expand 'rlp//step' -> 'rlp/descendant-or-self::node()/step'
    RelativeLocationPath left = (RelativeLocationPath)rlp;
    Step middle = new Step(Axis.DESCENDANTORSELF,
    DOM.NO_TYPE, null);
    ParentLocationPath ppl = new ParentLocationPath(middle, right);
    RESULT = new ParentLocationPath(left, ppl);
}
};

AbbreviatedAbsoluteLocationPath ::= DSLASH RelativeLocationPath:rlp
{:
int nodeType = DOM.NO_TYPE;
if (rlp instanceof Step &&
    parser.isElementAxis(((Step) rlp).getAxis()))
{
    nodeType = DTM.ELEMENT_NODE;
}
final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
RESULT = new AbsoluteLocationPath(parser.insertStep(step,
    (RelativeLocationPath) rlp));
;

Step ::= NodeTest:ntest
  {:
    if (ntest instanceof Step) {
      RESULT = (Step)ntest;
    }
    else {
      RESULT = new Step(Axis.CHILD,
          parser.findNodeType(Axis.CHILD, ntest),
          null);
    }
  }
|

  NodeTest:ntest Predicates:pp
  {:
    if (ntest instanceof Step) {
      Step step = (Step)ntest;
      step.addPredicates(pp);
      RESULT = (Step)ntest;
    }
    else {
      RESULT = new Step(Axis.CHILD,
          parser.findNodeType(Axis.CHILD, ntest),
          pp);
    }
  }
|

  AxisSpecifier:axis NodeTest:ntest Predicates:pp
  {:
    RESULT = new Step(axis.intValue(),
        parser.findNodeType(axis.intValue(), ntest),
        pp);
  }

  AxisSpecifier:axis NodeTest:ntest
  {:
    RESULT = new Step(axis.intValue(),

parser.findNodeType(axis.intValue(), ntest), null);

| AbbreviatedStep:abbrev
{ : RESULT = abbrev; :};

AxisSpecifier ::= AxisName:an DCOLON
{ : RESULT = an; :}

| ATSIGN
{ : RESULT = new Integer(Axis.ATTRIBUTE); :};

AxisName ::= ANCESTOR
{ : RESULT = new Integer(Axis.ANCESTOR); :}

| ANCESTORORSELF
{ : RESULT = new Integer(Axis.ANCESTORORSELF); :}

| ATTRIBUTE
{ : RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD
{ : RESULT = new Integer(Axis.CHILD); :}

| DESCENDANT
{ : RESULT = new Integer(Axis.DESCENDANT); :}

| DESCENDANTORSELF
{ : RESULT = new Integer(Axis.DESCENDANTORSELF); :}

| FOLLOWING
{ : RESULT = new Integer(Axis.FOLLOWING); :}

| FOLLOWINGSIBLING
{ : RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

| NAMESPACE
{ : RESULT = new Integer(Axis.NAMESPACE); :}

| PARENT
{ : RESULT = new Integer(Axis.PARENT); :}

| PRECEDING
{ : RESULT = new Integer(Axis.PRECEDING); :}

| PRECEDINGSIBLING
{ : RESULT = new Integer(Axis.PRECEDINGSIBLING); :}
SELF
{ : RESULT = new Integer(Axis.SELF); :);

AbbreviatedStep ::= DOT
{ : RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); : }

| DDOT
{ : RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};

FilterExpr ::= PrimaryExpr:primary
{ : RESULT = primary; :}

| PrimaryExpr:primary Predicates:pp
{ : RESULT = new FilterExpr(primary, pp); :};

PrimaryExpr ::= VariableReference:vr
{ : RESULT = vr; :}

| LPAREN Expr:ex RPAREN
{ : RESULT = ex; :}

| Literal:string
{ :
/*
 * If the string appears to have the syntax of a QName, store
 * namespace info in the literal expression. This is used for
 * element-available and function-available functions, among
 * others. Also, the default namespace must be ignored.
 */

String namespace = null;
final int index = string.lastIndexOf(':');

if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
}
RESULT = (namespace == null) ? new LiteralExpr(string)
    : new LiteralExpr(string, namespace);

| INT:num
{ :
    long value = num.longValue();
    if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
        RESULT = new RealExpr(value);
    }
    else {
if (num.doubleValue() == -0)
   RESULT = new RealExpr(num.doubleValue());
else if (num.intValue() == 0)
   RESULT = new IntExpr(num.intValue());
else if (num.doubleValue() == 0.0)
   RESULT = new RealExpr(num.doubleValue());
else
   RESULT = new IntExpr(num.intValue());
}:
;

| REAL: num
| { RESULT = new RealExpr(num.doubleValue()); : }

| FunctionCall: fc
| { RESULT = fc; : }
;

VariableReference ::= DOLLAR VariableName: varName
| :
   // An empty qname prefix for a variable or parameter reference
   // should map to the null namespace and not the default URI.
   SyntaxTreeNode node = parser.lookupName(varName);

   if (node != null) {
      if (node instanceof Variable) {
         RESULT = new VariableRef((Variable)node);
      }
      else if (node instanceof Param) {
         RESULT = new ParameterRef((Param)node);
      }
      else {
         RESULT = new UnresolvedRef(varName);
      }
   }

   if (node == null) {
      RESULT = new UnresolvedRef(varName);
   }
   :
;

FunctionCall ::= FunctionName: fname LPAREN RPAREN
| :

   if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
      RESULT = new CurrentCall(fname);
   }

   else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
      RESULT = new NumberCall(fname, parser.EmptyArgs);
   }


else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
    RESULT = new ConcatCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
    RESULT = new BooleanExpr(true);
}
else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
    RESULT = new BooleanExpr(false);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
    RESULT = new PositionCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
    RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname);
}
else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}
}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN |
|{
|   if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {  
|       RESULT = new ConcatCall(fname, argl);
|   }
|   else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {  
|       RESULT = new NumberCall(fname, argl);
|   }
|   else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
|}
parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);

} else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
    RESULT = new BooleanCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}

} else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}

} else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new StartsWithCall(fname, argl);
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Preprocessor.TRANSLET_URI, "xslt", "cast").equals(fname)) {
    RESULT = new CastCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
    parser.setCallsNodeset(true);  // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}
};

NonemptyArgumentList ::= Argument:arg
{:
    Vector temp = new Vector();
    temp.addElement(arg);
    RESULT = temp;
:}

| Argument:arg COMMA NonemptyArgumentList:argl
{ : argl.insertElementAt(arg, 0); RESULT = argl; :};

FunctionName ::= QName:fname
{:
    RESULT = fname;
:};

VariableName ::= QName:vname
{:
    RESULT = vname;
:};
Argument ::= Expr:ex
 { : RESULT = ex; : }

NodeTest ::= NameTest:nt
 { : RESULT = nt; : }

| NODE
 { : RESULT = new Integer(NodeTest.ANODE); : }

| TEXT
 { : RESULT = new Integer(NodeTest.TEXT); : }

| COMMENT
 { : RESULT = new Integer(NodeTest.COMMENT); : }

| PIPARAM LPAREN Literal:l RPAREN
 { :
     QName name = parser.getQNameIgnoreDefaultNs("name");
     Expression exp = new EqualityExpr(Operators.EQ,
         new NameCall(name),
         new LiteralExpr(l));
     Vector predicates = new Vector();
     predicates.addElement(new Predicate(exp));
     RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);
 }

| PI
 { : RESULT = new Integer(NodeTest.PI); : }

NameTest ::= STAR
 { : RESULT = null; : }

| QName:qn
 { : RESULT = qn; : }

QName ::= QNAME:qname
 { : RESULT = parser.getQNameIgnoreDefaultNs(qname); : }

| DIV
 { : RESULT = parser.getQNameIgnoreDefaultNs("div"); : }

| MOD
 { : RESULT = parser.getQNameIgnoreDefaultNs("mod"); : }

| KEY
 { : RESULT = parser.getQNameIgnoreDefaultNs("key"); : }
ANCESTOR
{ : RESULT = parser.getQNameIgnoreDefaultNs("child"); : }

ANCESTORORSELF
{ : RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); : }

ATTRIBUTE
{ : RESULT = parser.getQNameIgnoreDefaultNs("attribute"); : }

CHILD
{ : RESULT = parser.getQNameIgnoreDefaultNs("child"); : }

DESCENDANT
{ : RESULT = parser.getQNameIgnoreDefaultNs("descendant"); : }

DESCENDANTORSELF
{ : RESULT = parser.getQNameIgnoreDefaultNs("descendant-or-self"); : }

FOLLOWING
{ : RESULT = parser.getQNameIgnoreDefaultNs("following"); : }

FOLLOWINGSIBLING
{ : RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); : }

NAMESPACE
{ : RESULT = parser.getQNameIgnoreDefaultNs("namespace"); : }

PARENT
{ : RESULT = parser.getQNameIgnoreDefaultNs("parent"); : }

PRECEDING
{ : RESULT = parser.getQNameIgnoreDefaultNs("preceding"); : }

PRECEDINGSIBLING
{ : RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); : }

SELF
{ : RESULT = parser.getQNameIgnoreDefaultNs("self"); : }

ID
{ : RESULT = parser.getQNameIgnoreDefaultNs("id"); : }

Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/xpath.cup
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/
package org.apache.xml.serializer;

/**
 * Administrative class to keep track of the version number of
 * the Serializer release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information.</P>
 * @xsl.usage general
 */

public final class Version {

    /**
     * Get the basic version string for the current Serializer.
     * Version String formatted like
     * <CODE>"<B>Serializer</B> <B>Java</B> v.r[.dd| <B>D</B>nn"]</CODE>.
     * 
     * Futurework: have this read version info from jar manifest.
     * 
     * @return String denoting our current version
     */
    public static String getVersion()
    {
        return getProduct() + getProductLanguage() +
        (getMajorVersionNum() + "+" + getReleaseVersionNum() + "+" +
        (getDevelopmentVersionNum() > 0) ?
        ("D" + getDevelopmentVersionNum()) : "") +
        (getMaintenanceVersionNum());
    }

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
    return "Serializer";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
* - a new set of functionality is to be added, eg,
  * implementation of a new W3C specification.
  * - API or behaviour change.
  * - its designated as a reference release.
*/

public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */

public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */

public static int getDevelopmentVersionNum()
{
    try {
        if ((new String(@version.DEVELOPER@)).length() == 0)
            return 0;
        else
            return Integer.parseInt(@version.DEVELOPER@);
    } catch (Exception e) {
        throw new IllegalArgumentException(e.getMessage());
    }
}
Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/Version.src
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* */
/**
* Major version number.
* Version number. This changes only when there is a
* significant, externally apparent enhancement from
* the previous release. 'n' represents the n'th
* version.
* *
* Clients should carefully consider the implications
* of new versions as external interfaces and behaviour
* may have changed.
*/

Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/Version.java
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java
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*/

Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
  jar/org/apache/xalan/xslt/compiler/XPathLexer.java
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  * limitations under the License.

  */

// is found, then throw a special exception in order to terminate

Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-
  jar/org/apache/xalan/processor/TransformerFactoryImpl.java
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/*
package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
 * @deprecated To be replaced by org.apache.xalan.Version.getVersion()
 * @xsl.usage general
 */

public class XSLProcessorVersion
{

/**
 * Print the processor version to the command line.
 * *
 * @param argv command line arguments, unused.
 */

public static void main(String argv[])
{
    System.out.println(S_VERSION);
}

/**
 * Constant name of product.
 */

public static final String PRODUCT = "Xalan";

/**
 * Implementation Language.
 */

public static final String LANGUAGE = "Java";
/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 * 
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static final int VERSION = @version.VERSION@;

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 *   implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static final int RELEASE = @version.RELEASE@;

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static final int MAINTENANCE = @version.MINOR@;

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 * 
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 */
Each 'D' drops can contain functional enhancements as well as defect fixes. 'D' drops may not be as stable as the final releases.

```java
public static final int DEVELOPMENT = 0;

/**
 * <P>Semantics of the version string are identical to the Xerces project.</P>
 */
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "+VERSION+"."+RELEASE+.".
 +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT) : ("M"+MAINTENANCE));
}
```

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```
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 * Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.
 */
/**
 * This is a special exception that is used to stop parsing when search for an element. For instance, when searching for xml:stylesheet PIs, it is used to stop the parse once the document element is found.
 * @see StyleSheetPIHandler
 * @xsl.usage internal
 */
```
Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/utils/StopParseException.java
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Found in path(s):
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/output_text.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/output_xml.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/Makefile.inc
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/output_html.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xalan/res/XSLTInfo.properties
* /opt/cola/permits/1109000484_1606240374.86/0/serializer-2-7-2-sources-jar/org/apache/xml/serializer/HTMLEntities.properties

1.1460 libmailutils5 1:3.1.1-1
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jar/org/antlr/v4/runtime/FailedPredicateException.java
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jar/org/antlr/v4/runtime/BailErrorStrategy.java
* /opt/cola/permits/1108987537_1606240184.22/0/antlr4-runtime-4-5-3-sources-1-
jar/org/antlr/v4/runtime/UnbufferedTokenStream.java
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jar/org/antlr/v4/runtime/RangeTransition.java
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* /opt/cola/permits/1108987537_1606240184.22/0/antlr4-runtime-4-5-3-sources-1.jar/org/antlr/v4/runtime/atn/LexerIndexedCustomAction.java
* /opt/cola/permits/1108987537_1606240184.22/0/antlr4-runtime-4-5-3-sources-1.jar/org/antlr/v4/runtime/atn/ATNDeserializationOptions.java
* /opt/cola/permits/1108987537_1606240184.22/0/antlr4-runtime-4-5-3-sources-1.jar/org/antlr/v4/runtime/atn/ProfilingATNSimulator.java
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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

"There is no restriction on modifications and derived works" on the work I did for the openldap server as long as this is consistent with the openldap
license. Please forward this email to Kurt so he does the appropriate changes to the files to reflect this.

Regards, Juan
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The following is additional information from Mark Adamson on how this license is to be interpreted:
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Local-Date: Thu, 05 Jun 2003 16:53:32 -0400
Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

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After discussing this license with the OpenLDAP Foundation we received clarification on it:

---

* To: Stephen Frost <sfrost@snowman.net>
* Subject: Re: OpenLDAP Licenseing issues
* From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
* Date: Wed, 28 May 2003 10:55:44 -0700
* Cc: Steve Langasek <vorlon@netexpress.net>, debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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Regards, Kurt

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Doesn't have POSIX robust mutexes - GNU userland on BSD kernel

---
libraries/liblmdb/mdb.c | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)

diff --git a/libraries/liblmdb/mdb.c b/libraries/liblmdb/mdb.c  
index 7a181d4..23c1f00 100644  
--- a/libraries/liblmdb/mdb.c  
+++ b/libraries/liblmdb/mdb.c  
@@ -120,7 +120,7 @@ typedef SSIZE_T ssize_t;
   #include <resolv.h>/* defines BYTE_ORDER on HPUX and Solaris */
   #endif

-#if defined(__APPLE__) || defined (BSD)
+#if defined(__APPLE__) || defined (BSD) || defined(__FreeBSD_kernel__)
   # define MDB_USE_POSIX_SEM 1
   # define MDB_FDATASYNC fsync
   #elif defined(ANDROID)
   --

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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>.
buildRequires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
   MailingList: mailto:module-build@perl.org
license: http://dev.perl.org/licenses/
repository: http://github.com/dagolden/module-build/
version: 3

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<signature of Ty Coon>, 1 April 1989
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The End

#!/perl
Tests that the latest copyright years in the top-level README file and the C `<perl -v>` output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C `--now` option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

```perl
use strict;
use Config;
BEGIN { require './test.pl' }

my ($opt) = @ARGV;
my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so # that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;
```
sub readme_year
# returns the latest copyright year from the top-level README file
{

open my $readme, '<', '../README' or die "Opening README failed: $!";

# The copyright message is the first paragraph:
local $/ = '';
my $copyright_msg = <$readme>;
my ($year) = $copyright_msg =~ /.*(\d{4,})/s
  or die "Year not found in README copyright message '$copyright_msg';
$year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
  or die "Copyright statement not found in perl -v output '$output';
$year;
}

1.1474 libxcb 1.13.1 2
1.1474.1 Available under license :

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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large
chunks of code. Norwood S came forward and worked with me to
setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire buildsystem we had. And he did this out of his own pocket, from
his own time, and has since upgraded the machine as well. It's now a 128GB,
48 core machine, with 4 SSD's and 4 sata disks : but the key metric is
that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver
CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix,
AZ, USA for his continued support for the project.

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The Red Hat developers, without whom CentOS would look very different

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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a) Accompany the work with the complete corresponding
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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

d) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
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facilities not covered by this License, and distribute such a combined
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Ty Coon, President of Vice

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Version 3, 29 June 2007

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Guy Maor <maor@debian.org>, and are now maintained by Clint Adams
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.1504 click 6.7

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1.1505 lucene-memory 7.7.3

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1.1511 conntrack-tools 1.4.4-9.el8

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a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from
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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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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under...
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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That's all there is to it!

1.1514 findutils 4.5.11 6.el7
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TERMS AND CONDITIONS

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.
A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product.
model, to give anyone who possesses the object code either (1) a
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A separable portion of the object code, whose source code is excluded
from the Corresponding Source as a System Library, need not be
included in conveying the object code work.

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tangible personal property which is normally used for personal, family,
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typical or common use of that class of product, regardless of the status
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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.
When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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widecharwidth - wcwidth implementation

Written in 2018 by ridiculous_fish

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> 2 byte 0 256 characters, no index
> 2 byte 1 512 characters, no index
> 2byte256 characters, Unicode index
> 2byte3512 characters, Unicode index
> 2byte4256 characters, Unicode level 2 index
> 2byte5512 characters, Unicode level 2 index
> 3byte8x%d

# PC Screen (console) Fonts - psf2 header

# 0 lelong0x864ab572psf2 screen font data
> 12lelong&1 with Unicode index
> 16lelongxb, %d glyphs
> 28lelongxb, %dx
> 24lelongxb%d

PC Screen (console) Fonts - psf2 header

# 0 lelong0x864ab572psf2 screen font data
> 12lelong&1 with Unicode index
> 16lelongxb, %d glyphs
> 28lelongxb, %dx
> 24lelongxb%d
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Included for the use of the fix_strcasecmp.c module which works around a Solaris problem.

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1.1548 libblkid 2.23.2-65.el7_9.1

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 */

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0
---
#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)

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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2ef9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
-------------------

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
-------------------
Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8ff51a88a045db233418dd73fbe bsd.img

---layout--------
__ts_dev__ 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
__ts_dev__2 4096 20479 8192 a5 FreeBSD

Create default BSD
2e1cee529eb59ef9341afe0443f196b1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsize bsize cpg]
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

b5c121e02091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start   end    size    fstype    [fsizesize cpg]
a:  4096    6144   2049     4.2BSD    0    0    0
b:  4096    20479  16384    unused    0    0

Command (m for help):

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
0  unused   5  4.1BSD   9  4.4LFS   d  boot
1  swap    6  Eighth Edition a  unknown   e  ADOS
2  Version 6   7  4.2BSD   b  HPFS    f  HFS
3  Version 7   8  MS-DOS    c  ISO-9660  10  AdvFS
4  System V

BSD disklabel command (m for help):

1.1549 libsepol 2.8 1
1.1549.1 Available under license:
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Version 2.1, February 1999

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[role="xpack"]
[testenv="basic"]
[[get-license]]

=== Get license API
+++++
<titleabbrev>Get license</titleabbrev>
+++++

This API enables you to retrieve licensing information.

[float]
==== Request

'GET /_xpack/license'

[float]
==== Description

This API returns information about the type of license, when it was issued, and
when it expires, for example.
For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

```
--- Query Parameters

`local`:
(booleans) Specifies whether to retrieve local information. The default value is `false`, which means the information is retrieved from the master node.

--- Authorization

You must have `monitor` cluster privileges to use this API. For more information, see `<<security-privileges>>`.

--- Examples

The following example provides information about a trial license:

```
[source,js]

```
`GET _xpack/license`  
```

// CONSOLE

```
`{`  
```
"license": {  
"status": "active",  
"uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",  
"type": "trial",  
"issue_date": "2018-10-20T22:05:12.332Z",  
"issue_date_in_millis": 1540073112332,  
"expiry_date": "2018-11-19T22:05:12.332Z",  
"expiry_date_in_millis": 1542665112332,  
"max_nodes": 1000,  
"issued_to": "test",  
"issuer": "elasticsearch",  
"start_date_in_millis": -1  
}`
```
// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE[s/"basic"/$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
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</span>

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data-selected-links="repo_projects new_repo_project repo_project /vt-middleware/cryptacular/projects" itemprop="url">
<span aria-hidden="true" class="octicon octicon-project" height="16" version="1.1" viewBox="0 0 14 16">
<path fill-rule="evenodd" d="M11 11.28V5c-.03-.78-.34-1.47-.94-2.06C9.46 2.35 8.78 2.03 8 2H7V0L4 3l3 3V4h1c.27.02.48.11.69.31.21.2.3.42.31.69v6.28A1.993 1.993 0 0 1 10 15a1.993 1.993 0 0 1 1-3.72zm-1 2.92c-.66 0-1.2-.55-1.2-1.2 0-.65.55-1.2 1.2-1.2.65 0 1.25 1.2 2 1.2 1.2 1.2 1.2 1.22M4c0-1.11-.89-2-2-2V0l6.56A1.993 1.993 0 0 0 13.72v6.56A1.993 1.993 0 0 1 15.993 0 0 0 1 13.72V7.59z"
version="1.1" viewBox="0 0 14 16">
</path></svg>
<span itemprop="name">Projects</span>
<span class="Counter">0</span>
</a>
</span>

<div class="reponav-dropdown js-menu-container">
<button type="button" class="btn-link reponav-item reponav-dropdown js-menu-target " data-no-toggle aria-expanded="false" aria-haspopup="true">
Insights
</button>
</div>

<insights version="1.1" viewBox="0 0 14 16">
<path fill-rule="evenodd" d="M0 11h3v1l3-3v-1l3 3h-3V1l-3 3v1l-3-3h3z"/>
</insights>
</div>
</a>
</span>
Update year in notice.
Cryptacular Java Library

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This API enables you to delete licensing information.

DELETE /_xpack/license

When your license expires, {xpack} operates in a degraded mode. For more information, see {stack-ov}/license-expiration.html[License expiration].

You must have `manage` cluster privileges to use this API. For more information, see <<security-privileges>>.

The following example queries the info API:
DELETE _xpack/license

// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:
[source,js]
{
  "acknowledged": true
}

// NOTCONSOLE
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[[java-rest-high-delete-license]]
=== Delete License

[[java-rest-high-delete-license-execution]]
==== Execution

The license can be deleted using the `deleteLicense()` method:

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
--------------------------------------------------

[[java-rest-high-delete-license-response]]
==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which
returns true if the request was processed by all nodes.

["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
--------------------------------------------------

<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.
Asynchronous Execution

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument.

<2> Called in case of failure. The raised exception is provided as an argument.

```
name,version,revision,url,license,copyright
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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
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This API enables you to update your license.

```
PUT _xpack/license
```

This API is part of the Open Source Used In CloudCenter Suite Admin 5.3.0.
==== Description

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[float]
==== Query Parameters

`acknowledge`:
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

[float]
==== Request Body

`licenses`:
(array) A sequence of one or more JSON documents containing the license information.

[float]
==== Authorization

If `{es} {security-features}` are enabled, you need `manage` cluster privileges to install the license.

If `{es} {security-features}` are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

[float]
==== Examples

The following example updates to a basic license:

[source,js]
------------------------------------------------------------
POST _xpack/license
{
  "licenses": [ 
    
"uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
  
]
NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can alternatively use a `curl` command, for example:

[source,js]
[source,shell]

```bash
curl -XPUT -u <user> 'http://<host>:<port>/_xpack/license' -H "Content-Type: application/json" -d @license.json
```

On Windows machine, use the following command:

[source,shell]

```bash
gc .license.json | Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json"
```

In these examples,

* `\<user>\` is a user ID with the appropriate authority.
* `\<host>\` is the hostname of the {es} node (`localhost` if executing locally)
* `\<port>\` is the http port (defaults to `9200`)
* `\license.json\` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:
To complete the update, you must re-submit the API request and set the 'acknowledge' parameter to 'true'. For example:

```javascript
POST /_xpack/license?acknowledge=true
{
"licenses": [
{
"uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
"type":"basic",
"issue_date_in_millis":1411948800000,
"expiry_date_in_millis":1914278399999,
"max_nodes":1,
"issued_to":"issuedTo",
"issuer":"issuer",
"signature":"xx"
}
]
```
curl -XPUT -u elastic 'http://<host>:<port>/_xpack/license?acknowledge=true' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

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OSXAdapter

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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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```java
== Get License
```

The license can be added or updated using the `getLicense()` method:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
```

```java
== Response
```

The returned `GetLicenseResponse` contains the license in the JSON format.

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
```

```java
1> The text of the license.
```

```java
== Asynchronous Execution
```

This request can be executed asynchronously:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-async]
```

```java
1> The `GetLicenseRequest` to execute and the `ActionListener` to use when the execution completes
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]`
<1> Called when the execution is successfully completed. The response is provided as an argument.

<2> Called in case of failure. The raised exception is provided as an argument.

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The license can be added or updated using the `putLicense()` method:

```java
public static LicenseResponse putLicense(LicenseRequest licenseRequest) {
    // Implementation...
}
```

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
public static LicenseResponse putLicense(LicenseRequest licenseRequest) {
    // Implementation...
}
```

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
public static LicenseResponse putLicense(LicenseRequest licenseRequest) {
    // Implementation...
}
```
Check the acknowledge flag. It should be true if license is acknowledged.
Otherwise we can see the acknowledge messages in `acknowledgeHeader()` and check component-specific messages in `acknowledgeMessages()`.

[[java-rest-high-put-license-async]]

==== Asynchronous Execution

This request can be executed asynchronously:

"source", "java", subs="attributes,callouts,macros"

--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
--------------------------------------------------

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

"source", "java", subs="attributes,callouts,macros"

--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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You can configure this licensing setting in the `elasticsearch.yml` file. For more information, see
{stack-ov}/license-management.html[License management].

`xpack.license.self_generated.type`:
Set to `basic` (default) to enable basic {xpack} features. +
+ --

If set to `trial`, the self-generated license gives access only to all the features of a x-pack for 30 days. You can later downgrade the cluster to a basic license if needed.
--

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Sqlite (bundled in org.xerial's sqlite-jdbc)

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---

teardown:
- do:
  xpack.license.post:
    acknowledge: true
    body:
      ["licenses":[]]
## current license version
- do:
  xpack.license.post:
    acknowledge: true
    body:
    
    {"licenses": [
    {"uid": "894371dc-9t49-4997-93cb-802e37f8a6a8", "type": "trial", "issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1916956799999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0FWh0t9njItjQ2qammAAABmA9Z0hjZDBBGyVryRxpCOWWSbB3f2jZDaXowXpSbTVoMVZwUzRxvk1PSmxxakxzdW51MhlTHNoN1N2mXm
rFk4d3JTZeX3R3RR2pzuU3lbWJKZvnQSEFva0ppTHBkwkprZWZsq9iNmRNkw1SipL0N0dalZC095mXRGN11HZIzpYcvVTTnFrcTE2dhjZmZrdFQrN3JQeGwxbu0U0MXZ0dDJHSErITVLOHnzSDByWnpoZEpZH
BEZjUrTVbxREnNNSxSWjIlazOdZvMzEzUjNiwktNWGM5UhQV2plu04Q1J0uM4MXNuL0pSOEhQaVB2azhmU9QVzhFeTfoM10RnJXS53MwK2K055c28zSmRnuVkl2JSQkFLV2VXUmVHN2R3o2VE1lq
bVNQs2lxOH5n5ueZiNlWkZSVmZJW8EtUSUw9tTJendenvV1NCyklacUYyY2Fw_RW9xa06ldMmBmZSgTQ
c3FW0tqgzzZrUcXMqkr2ZUZwMFJnzZvl2d2DRWuZvhU5pdENGWFtRrXNKNkE9PQAAABQZhvvoAZ0
trrhU1QIaqTSrnNaQ59KVQ6pv8yg1pnsBpZXCIkXlSr2oFn1bXq61IvJwfw5qnmYNiH3hRTH09YeaC8qlk
NXZQ6Trk5QSpEnnBwAYUKexKiSlSuBoOk4BMzwCt6sAMakzrTEBbBog+57cSaU9y37Gkd+1jXCQxP+o
EU17gxnZWzFeo6OroLvCt1fYn9k0CF8KKBtrP7TjC6igZR3vUh7xye74XQ9PRAvHax737T4OEQZQ/Z/P1bS
QIWKbBRD5Y1POVY[vJayaotlTNWmxFocrAtJZLhpbEHST7kWjRT6J1dCRcje7a8V5j/78HxvoLy"]
]

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}
```json
- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

## license version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body: |
      {"licenses":[{"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"subscription","subscription_type":"gold","issue_date_in_millis":1411948800000,"feature":"shield","expiry_date_in_millis":1914278399999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null}]

- match: { license_status: "valid" }

- do:
  xpack.license.get: {}

- length: { license: 11 }

## multiple licenses version: 1.x
- do:
  xpack.license.post:
    acknowledge: true
    body: |
      {"licenses":[{"uid":"893361dc-9749-4997-93cb-802e3d7fa4a8","type":"internal","subscription_type":null,"issue_date_in_millis":1411948800000,"feature":"shield","expiry_date_in_millis":1440892799999,"max_nodes":1,"issued_to":null,"issuer":null,"signature":null}]
```

---

Open Source Used In CloudCenter Suite Admin 5.3.0 24498
- do:
xpack.license.get: {}  

- length: { license: 11 }

- match: { license.uid: "893361dc-9749-4997-3cb-802e3dofh7aa" }

"Should throw 404 after license deletion":
- do:
xpack.license.delete: {}  

- catch: missing

"Should install a feature type license":
- do:
xpack.license.get: {}  

catch: missing

- do:

catch: missing
xpack.license.post:
acknowledge: true
body: |
{"license": {"uid": "893361dc-9c74-9497-9c3b-8023ed7faa48","type": "gold","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issued_to", "issuer": "issuer","signature": "AAAAAgAAAA3U8+YmnvwC+CWsV/cmRABBmC9zNO/jzDDBGYnVxRPCow/CW5Bb3fjZDaXOWp5bTv0MVZwUzRxVz1PSmkxaxXzDw51MlHtTHNoN1N2MXMrFRk4d37TEZEzR3RR20pzU3lobWJZKznQvSEFva0p0pTHBkWkpzWZSqi91NmRQkw0islpL000dALZC90S95MRGN1IHzYcTVTnFrcTE2dzhZnZrdFQnN3JQeGwb0U000d0DJSERIZTVLOHnzSDByWnpoZEpHGHBEZjUrTVBxRENNSXnWWjZlaODdZvmEzUjNiWkWGM5TuQ2pluQ041JQOUm4lMNXn0lPSOEhQaFV22zhmU9kQVzFeToFoMI0R0nIXGSJ53MwkJ055c8Z5mncnVf1b2JSQkFVLV2VXuMVHNDAZ3o2VE1qbfVNSQ21xOHNH5bUERZINWkzVSmZnIWeuTSU9wTtJENDVvT1NcyKzacUYyK2FwW9xa0t6dldMbnMzSGrqC3qFwOTgzz3ZUCxMvQkt2RUZwMFJnZvL2d2b rnWUzh6UG5pDENGWFrzXNKnkE9PQAABeb8GfDm6t5371UVUvjt3XK5dv0K5Qapv+rcvWCxFzGuzP8lPcgIT1aAGZP4uRSDQPMIOCS4d05QAm97GqBQ3i93P+PogInPFeEH9NvOmaQovxvmVM9S6DSdQlXlC4XSOO+bgwXPZPct2LmopoQc1xz6DZ8EseyVypVHKXp9hU0tAYy6hYOE7+zuQo1jYOxElq6V6nInlKvHRnvi+flvm3T7dIDgsDRaz7W3iBqahiStEqabEvVc dPHQdSR99XGaEvnH01paK01/55iF6OHXsF7CJc+558GRXVxzuoeCe7TsGStg87YJzW8BrRCyU7oB4BnidsGyG"}  

- match: { license_status: "valid" }  

- do:
xpack.license.get: {}  

- length: { license: 11 }  

---  

"Cannot start basic":  

- do:
catch: bad_request
xpack.license.post:  
  acknowledge: true
body: |
{"license": {"uid": "893361dc-9c74-9497-9c3b-8023ed7faa48","type": "basic","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issuedTo", "issuer": "issuer","signature": "AAAAAgAAAA0lKPP70a7aZquUltho/AAABmC9zNO/hjzDDBGYnVxRPCow/CW5Bb3fjZDaXOWp5bTv0MVZwUzRxVz1PSmkxaxXzDw51MlHtTHNoN1N2MXMrFRk4d37TEZEzR3RR20pzU3lobWJZKznQvSEFva0p0pTHBkWkpzWZSqi91NmRQkw0islpL000dALZC90S95MRGN1IHzYcTVTnFrcTE2dzhZnZrdFQnN3JQeGwb0U000d0DJSERIZTVLOHnzSDByWnpoZEpHGHBEZjUrTVBxRENNSXnWWjZlaODdZvmEzUjNiWkWGM5TuQ2pluQ041JQOUm4lMNXn0lPSOEhQaFV22zhmU9kQVzFeToFoMI0R0nIXGSJ53MwkJ055c8Z5mncnVf1b2JSQkFVLV2VXuMVHNDAZ3o2VE1qbfVNSQ21xOHNH5bUERZINWkzVSmZnIWeuTSU9wTtJENDVvT1NcyKzacUYyK2FwW9xa0t6dldMbnMzSGrqC3qFwOTgzz3ZUCxMvQkt2RUZwMFJnZvL2d2b rnWUzh6UG5pDENGWFrzXNKnkE9PQAABeb8GfDm6t5371UVUvjt3XK5dv0K5Qapv+rcvWCxFzGuzP8lPcgIT1aAGZP4uRSDQPMIOCS4d05QAm97GqBQ3i93P+PogInPFeEH9NvOmaQovxvmVM9S6DSdQlXlC4XSOO+bgwXPZPct2LmopoQc1xz6DZ8EseyVypVHKXp9hU0tAYy6hYOE7+zuQo1jYOxElq6V6nInlKvHRnvi+flvm3T7dIDgsDRaz7W3iBqahiStEqabEvVc dPHQdSR99XGaEvnH01paK01/55iF6OHXsF7CJc+558GRXVxzuoeCe7TsGStg87YJzW8BrRCyU7oB4BnidsGyG"}  

- match: { license_status: "valid" }
- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_xpack/license/start_basic API to install a basic license that does not expire.' }

---
"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  xpack.license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

---
"Current license is trial means not eligible to start trial":

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  xpack.license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  xpack.license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

---
"Trial license cannot be basic":
- do:
  catch: bad_request
  xpack.license.post_start_trial:
    type: "basic"
    acknowledge: true

---
"Can start basic license if do not already have basic":
- do:
  xpack.license.get_basic_status: { }
- match: { eligible_to_start_basic: true }

- do:
  xpack.license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  xpack.license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

---

"Must acknowledge to start basic":
- do:
  xpack.license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

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   b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

   c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

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If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 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.

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 a sample; alter the names:

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

That's all there is to it!

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Version 2.1, February 1999

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[This is the first released version of the Lesser GPL.  It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no
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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

^L
Once this change is made in a given copy, it is irreversible for
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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^L
How to Apply These Terms to Your New Libraries

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<one line to give the library's name and a brief idea of what it does.>

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!
This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries. In addition, Debian provides the gdc compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
svn://gcc.gnu.org/svn/gcc/ (for prereleases)
http://bitbucket.org/goshawk/gdc (for D)

The current gcc-4.8 source package is taken from the SVN gcc-4_8-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-4.8</td>
<td>libgnat-4.8</td>
<td>gnat-4.8-doc</td>
</tr>
<tr>
<td>C</td>
<td>gcc-4.8</td>
<td>gcc-4.8-doc</td>
<td></td>
</tr>
<tr>
<td>C++</td>
<td>g++-4.8</td>
<td>libstdc++6</td>
<td>libstdc++6-4.8-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-4.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-4.8</td>
<td>libgfortran3</td>
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<tr>
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<tr>
<td>Java</td>
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<td>libgcj-doc</td>
</tr>
<tr>
<td>Objective C</td>
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<td>libobjc2</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>gobjc++-4.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Sources</th>
<th>Development</th>
<th>Debugging</th>
<th>Position-Independent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C++</td>
<td></td>
<td>libstdc++6-4.8-dbg</td>
<td>libstdc++6-4.8-pic</td>
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</tr>
<tr>
<td>D</td>
<td>libphobos-4.8-dev</td>
<td></td>
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</tr>
<tr>
<td>Java</td>
<td>libgcj10-src</td>
<td>libgcj10-dev</td>
<td>libgcj10-dbg</td>
<td></td>
</tr>
</tbody>
</table>

Additional packages include:

All languages:
lhibgcc1, lhibgcc2, lhibgcc4 GCC intrinsics (platform-dependent)
gcc-4.8-base Base files common to all compilers
gcc-4.8-soft-float Software floating point (ARM only)
gcc-4.8-source  The sources with patches

Ada:
libgnatvsn-dev, libgnatvsn4.8  GNAT version library
libgnatprj-dev, libgnatprj4.8  GNAT Project Manager library

C:
cpp-4.8, cpp-4.8-doc  GNU C Preprocessor
libmudflap0-dev, libmudflap0  Library for instrumenting pointers
libssp0-dev, libssp0  GCC stack smashing protection library
libquadmath0  Math routines for the __float128 type
fixincludesc  Fix non-ANSI header files
protoize  Create/remove ANSI prototypes from C code

Java:
gij  The Java bytecode interpreter and VM
libgcj-common  Common files for the Java run-time
libgcj10-awt  The Abstract Windowing Toolkit
libgcj10-jar  Java ARchive for the Java run-time

C, C++, and Fortran 95:
libgomp1-dev, libgomp1GCC  OpenMP (GOMP) support library
libitm1-dev, libitm1GNU  Transactional Memory Library

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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation.
and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazil@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Crnidig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)
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1.1555 libcom-err 1.44.5-1

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===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 */
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- trivial database library - private includes

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Theodore Ts'o
23-June-2007

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convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
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If the program is interactive, make it output a short notice like this
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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DAMAGE.

This is the Debian GNU/Linux prepackaged version of the ss
cmdline interface parsing library. It is currently
distributed together with the EXT2 file system utilities, which are
otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

From the original distribution:

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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)
#

call:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ..$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the Common Error
Description library. It is currently distributed together with the EXT2 file
system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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^L

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

----------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde= r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

Nathan Neulinger
EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=20
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =20
a=20
library to dictact to application writes what license they should be using. thus LGPL-2.1 enters to fill this void.

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>
> the original license (before moving to sourceforge -- aka, 2.7) was not
> GPL-2 ... it was a modified artistic license ... i didnt notice the
> license
> change until it was mentioned in the latest notes.
> applications are also GPL-2 which imo is just wrong. it isn't the
> place of a
> library to dictate to application what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> > 
> > I am sympathetic. Guys, what do you reckon?
> > 
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL....

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
> > > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> > 
> > > I am sympathetic. Guys, what do you reckon?
> > >
> >> What I am hearing so far is that LGPL makes sense, since it can be
> > > linked with any code, not just GPL....
> >
> > My apologies for not chiming in in anything resembling a reasonable
timeframe.
I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.
> 
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?
>
yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> 
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?
>
yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

----------
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
----------

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC (6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC (6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.143)
   by scanin-ipv6.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
   by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTMP id 191Gxtrf020623
   for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0000
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
   by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTMP id 2C7734D311
   for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helol=192.168.1.31)
   by rutherford.zen.co.uk with esmtpe (Exim 4.50)
   id 1IcOcX-0004Qt-6L
   for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
   <EC90713277D2BE41B710CCC74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEB6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 15:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com

From alecm@crypticide.com Mon Oct  1 12:26:03 2007
...
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.1564 attr 2.4.47-r7

1.1564.1 Available under license:

This package was debianized by Nathan Scott nathans@debian.org on Sun, 19 Nov 2000 07:37:09 -0500.

It can be downloaded from ftp://oss.sgi.com/projects/xfs/download/

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man/explicit_bzero.3
man/fgetln.3
man/fgetwln.3
man/funopen.3bsd
man/getbsize.3
man/heapsort.3
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man/radixsort.3
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man/strmode.3
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src/getbsize.c
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otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Theodore Ts'o
23-June-2007

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.
Because of this blurred distinction, using the ordinary General
Public License for libraries did not effectively promote software
sharing, because most developers did not use the libraries. We
concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the
users of those programs of all benefit from the free status of the
libraries themselves. This Library General Public License is intended to
permit developers of non-free programs to use free libraries, while
preserving your freedom as a user of such programs to change the free
libraries that are incorporated in them. (We have not seen how to achieve
this as regards changes in header files, but we have achieved it as regards
changes in the actual functions of the Library.) The hope is that this
will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, while the latter only
works together with the library.

Note that it is possible for a library to be covered by the ordinary
General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
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copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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(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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In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or
link a "work that uses the Library" with the Library to produce a
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under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
all:: image
real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$<

$<: $(BSDLIB_LIB): $(OBJ)
(cd pic; ld -Bshareable -o $< $(LDFLAGS) $(OBJ))
$(MV) pic/$<$(BSDLIB_LIB)
$(RM) -f ../$<
(cd ..; $(LN) $(LINK_BUILD_FLAGS)

`echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \ $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) 
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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Gadi Oxman, August 1995
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1.1571 ca-certificates-cacert 20190108-r0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.
Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola’s opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner’s mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30
H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
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with the library, after making changes to the library and recompiling
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If 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
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1.1575 rpm-python 4.11.3-46.el7_9

1.1575.1 Available under license:

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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1.1586 rpm-libs 4.11.3-46.el7_9

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We
concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Appendix: How to Apply These Terms to Your New Libraries

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That's all there is to it!

1.1587 libogg 1.3.4 0ubuntu1

1.1587.1 Available under license:

This package was debianized by Christopher L Cheney <ccheney@debian.org> on Sun, 29 Oct 2000 01:11:57 -0500.

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   by master.debian.org with esmtps (TLS1.0:RSA_ARCFOUR_SHA1:16)
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   (envelope-from <silviapfeiffer1@gmail.com>)
   id IQcTXr-0004MO-Ek
   for ron@debian.org; Sun, 14 Aug 2011 05:47:35 +0000
In-Reply-To: <20110813065417.GV2324@audi.shelbyville.oz>
References: <20110813065417.GV2324@audi.shelbyville.oz>
From: Silvia Pfeiffer <silviapfeiffer1@gmail.com>
Date: Sun, 14 Aug 2011 15:47:09 +1000
Message-ID: <CAHp8n2nmGN+G09aA118KN86NeX9yw_VJAQNFZebm74k195zz+Q@mail.gmail.com>
Subject: Re: Distributing the libogg RFCs in the Debian package
To: Ron <ron@debian.org>
Cc: Christopher Montgomery <monty@xiph.org>, Ivo Emanuel Goncalves <justivo@gmail.com>

Hi Ron,

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1.1588 quartz 2.3.0
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/TriggerKey.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/ScheduleBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobDetail.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/NameMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/TimeOfDay.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/GroupMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/EverythingMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/OrMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/CronTrigger.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/DailyTimeIntervalScheduleBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobExecutionContext.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/KeyMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/SchedulerConfigException.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/CalendarIntervalScheduleBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/DateBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/ExecuteInJTATransaction.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/CronScheduleBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/triggers/CoreTrigger.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/SimpleTrigger.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/CalendarIntervalTrigger.java
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/DailyTimeIntervalTriggerPersistenceDelegate.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/TriggerBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/NotMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/NotMatcher.java
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/NotMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/NotMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/NotMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/
jar/org/quartz/DisallowConcurrentExecution.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/CronExpression.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/triggers/CalendarIntervalTriggerImpl.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/PersistJobDataAfterExecution.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/AndMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/matchers/StringMatcher.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobBuilder.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/spi/MutableTrigger.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/DailyTimeIntervalTrigger.java
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/Semaphore.java
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Manifest-Version: 1.0
BuildInfo-Revision: unknown
Terracotta-ProjectStatus: Supported
BuildInfo-URL: unknown
BuildInfo-Host: tc-eng-002
BuildInfo-User: jenkins-slave
Terracotta-Description: Enterprise Job Scheduler
BuildInfo-Timestamp: 20170419-154134
Terracotta-Name: quartz
License: Apache Software License, Version 2.0

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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/triggers/AbstractTrigger.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/SchedulerStateRecord.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/xml/ValidationException.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/simpl/SimpleClassLoadHelper.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/simpl/ThreadContextClassLoadHelper.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/StdRowLockSemaphore.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/RemoteMBeanScheduler.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobListener.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobStoreTX.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobStore.IGNORE
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/JobStore.IGNORE
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/RemoteScheduler.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/core/QuartzScheduler.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/JobDetailImpl.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/SchedulerFactory.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jdbcjobstore/FiredTriggerRecord.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/triggers/CronTriggerImpl.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/simpl/SimpleInstanceIdGenerator.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/Scheduler.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/QuartzServer.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/SchedulerContext.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jdbcjobstore/JobStoreSupport.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/spi/SchedulerPlugin.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jdbcjobstore/DBSemaphore.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/ee/jta/JTAAnnotationAwareJobRunShellFactory.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jdbcjobstore/Constants.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jdbcjobstore/CUBRIDDelegate.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/simpl/SimpleJobFactory.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/spi/InstanceIdGenerator.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/spi/ClassLoadHelper.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/JobPersistenceException.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jmx/jboss/QuartzServiceMBean.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/impl/jdbcjobstore/Util.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3.jar/org/quartz/plugins/history/LoggingJobHistoryPlugin.java
jar/org/quartz/spi/TriggerFiredBundle.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/helpers/VersionPrinter.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/simpl/SimpleTimeBroker.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/TriggerStatus.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/core/RemovableQuartzScheduler.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/simpl/InitThreadContextClassLoadHelper.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/SchedulerListener.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/utils/HikariCpPoolingConnectionProvider.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/ee/jmx/jboss/JBoss4RMIRemoteMBeanScheduler.java
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/TablePrefixAware.java
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/listeners/JobListenerSupport.java
* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/quartz/impl/jdbcjobstore/TablePrefixAware.java
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* /opt/cola/permits/1147511912_1617080943.64/0/quartz-2-3-0-sources-3-jar/org/terracotta/quartz/collections/TimeTriggerSet.java
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language
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Version 2, June 1991

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1.1590 libselinux 2.6 3+b3

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1.1591 openjdk-11-jre-headless 11.0.8+10-1~deb10u1

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Mesa 3-D graphics library
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+++ b/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java
@@ -26,6 +26,7 @@
 package build.tools.cldrconverter;

 import java.util.Calendar;
+import java.util.Date;
 import java.util.GregorianCalendar;
 import java.util.Locale;
 import java.util.TimeZone;
@@ -150,8 +151,14 @@
 }

 private static int getYear() {
-        return new GregorianCalendar(TimeZone.getTimeZone("America/Los_Angeles"),
-                                        Locale.US).get(Calendar.YEAR);
+        Date date = new Date();
+        if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+            date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+        }

GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
calendar.setTime(date);
return calendar.get(Calendar.YEAR);

// no instantiation
--- a/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
+++ b/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
@@ -33,9 +33,13 @@
import java.time.ZoneId;
import java.time.ZonedDateTime;
import java.util.ArrayList;
+import java.util.Calendar;
+import java.util.Date;
+import java.util.GregorianCalendar;
import java.util.List;
import java.util.Locale;
import java.util.Map;
+import java.util.TimeZone;
import java.util.TreeMap;

/**
@@ -225,8 +229,15 @@
+ "}
    private static String getOpenJDKCopyright() {
+    int year = ZonedDateTime.now(ZoneId
+        .of("America/Los_Angeles")).getYear();
+    Date date = new Date();
+    if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+        date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+    }
+    GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+    calendar.setTime(date);
+    int year = calendar.get(Calendar.YEAR);
    return String.format(Locale.US, COPYRIGHT, year);  
}  

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**1.1592 p11-kit-trust 0.23.14-5.el8_0**

**1.1592.1 Available under license :**

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1.1593 object-model 1.0.18

1.1593.1 Available under license:

This License Support and Services Agreement, including any and all Order Forms and SOWs (as defined below) (collectively, this Agreement), defines and governs the products(s), documentation and services provided by Axway UK Limited, a company registered in England and Wales (registered number 2758712) whose registered office is at Tower Bridge House, St Katharine's Way, London E1W 1DD (Axway) provides to your company (Customer).

ARTICLE 1  DEFINITIONS AND INTERPRETATION

1.1. In this Agreement and any Schedules, Order Forms or Statements of Work (SOWs), the following terms are defined as follows, and additional definitions applicable to the Order Forms are included in Attachment A:

Additional Services means the Services described in Article 7 as contained in any Order Forms or SOWs;

Agreement means these General Conditions and the Software/Services Order Form (or Specific Conditions) and Schedules (together, the Order Form);

Business Partner or Trading Partner means any external computer interoperating with a Licensed Component through one or more protocols, one or more networks, or one or more adapters;

Defect means a reproducible error or defect in the Product that prevents it from operating materially in accordance with its Documentation;

Delivery means delivery of license keys which unlock the Licensed Component (including the Support Access Code number), enabling electronic delivery of the Licensed Component for download, or shipment of a CD ROM which contains the Licensed Component, or shipment of the Hardware Product;

Documentation means the documents delivered with the Product which contains Axways published specifications and user guide of the Product;

Effective Date for an Order Form means the date when Customer executes an Order Form unless specified otherwise in an Order Form;

Hardware Product means any hardware appliance or other item of equipment that is delivered to Customer;

Licensed Component means the computer program described in the Order Form, as well as: (i) the Documentation, in either machine-readable or printed form; and (ii) all entire or partial authorized copies of such items made by Customer; and (iii) any software release provided by Axway to Customer (provided that Customer is still a subscriber to Support Services);

Operating Environment means any operating system based environment hosting the running of a Licensed Component, defined by its resources: Computer, its number of CPUs, its number of Cores per CPUs, its number of Instances, its number of Partitions, the type of its Partitions and the number of CPUs per Partitions;

Parties means Axway and the party identified as Customer in the Order Form;

Product means Hardware Product(s) and Licensed Component(s);

Site means the physical location of the Operating Environment, such address as it is provided in the Order Form;

Support Services means annual Product support provided under Axways policies available at http://support.axway.com/ for the level of Support Services ordered in the Order Form;

Third Party Software means any third party program or
software included as an integral part of the Product and delivered with the Product; such program or software is solely for use as embedded with the Product; Use means the installation, loading, utilization, storage or display of the Product by Customer within the constraints in the Order Form; 1.2. Headings are used in this Agreement for ease of reference only and shall not affect interpretation. References in this Agreement to Articles are references to the Articles of the General Conditions unless inconsistent with the context. 1.3. The words “include”, “includes”, “including” and “included” will be construed without limitation unless inconsistent with the context.

ARTICLE 2 CONTRACT DOCUMENTS
2.1. This Agreement consists of these General Conditions, and any Order Form(s) or Specific Conditions, which prevail over these General Conditions to the extent of any conflict. 2.2. This Agreement forms the entire agreement between the Parties relating to this subject matter, replaces and supersedes any previous proposals, correspondence and understandings, whether written or oral; including any Customer terms and conditions, which shall not apply. 2.3. This Agreement may not be altered, modified, amended, changed, rescinded or discharged in whole or in part, except by written agreement signed by both Customer and Axway. 2.4. Nothing contained in any document or purchase order submitted by Customer shall in any way modify or add to the terms of this Agreement.

ARTICLE 3 TERM
3.1. This Agreement shall remain in effect unless terminated in accordance with Article 17. The right of Use is granted from the Effective Date, or if none stated, upon Delivery by Axway. 3.2. If purchased by Customer, Support Services shall commence on the Effective Date and shall continue for an initial period of one (1) year (Initial Support Term) except as otherwise set forth in the Order Form. Upon expiration of the Initial Support Term, the Support Services shall be automatically renewed for one (1) year periods, with payments required prior to the start of the new support term, unless and until terminated in accordance with Article 17. 3.3 The terms of this Article 3.3 apply if Customer is obtaining an evaluation license. Subject to the terms of this Agreement, Axway grants to Customer (i) a non-exclusive, nontransferable license, without right of sublicense, to install and Use the evaluation version of the Licensed Component, in object code form and/or (ii) the right to Use the Hardware Product for evaluation and trial purposes only. The term of this license begins upon delivery or download and ends thirty (30) days thereafter, or extends for such longer period as Axway shall have agreed to in writing (the "Evaluation Period"). When the Evaluation Period expires Customer must stop Using the Licensed Component, and return any Product to Axway. Axway disclaims all warranties during this Evaluation Period and Customer waives all claims against Axway related to this Evaluation Period.

ARTICLE 4 USE OF THE LICENSED COMPONENT
4.1. As of the Effective Date of this Agreement, Axway grants to Customer, subject to the terms and conditions of this Agreement, a perpetual, non-exclusive, non-assignable and non-transferable right to Use the Licensed Component for Customers own internal business purposes only. Any delay in any payment of the fees related to this Agreement as set forth in Article 8 thirty (30) days beyond the payment date will automatically suspend the right to Use the Licensed Component for Customer, upon written notice by Axway. The Product, including portions and information or materials thereof, may not be used for any purpose that would be a violation of this Agreement. All rights not addressed herein are specifically reserved by Axway. Customer shall not Use the Product to provide services to third parties, including ASP, facilities management, outsourcing, unless expressly provided for in an Order Form. 4.2. If Customer has purchased a license for Products which are used by Customer to distribute to any third party Trading Partner that has a business need to securely transfer files to or from Customer, then the sublicense such Trading Partner has conveys the right to Use the Product for the purpose of transferring files to and from Customer in the furtherance of Customers internal business purposes only. 4.3. If Customer wishes to permanently transfer the Licensed Component to a new Operating Environment, the Order Form associated with this Agreement will have to be updated accordingly. Once the transfer has been made to the new authorized Operating Environment, Customer shall erase the Licensed Component from the former Operating Environment, within the
time frame allowed in the Order Form. 4.4. Customer has the right to make one back-up copy of the Licensed Component for archival purpose only. Any other copies, reproductions and summaries of the Licensed Component or Documentation are prohibited.

ARTICLE 5 DELIVERY AND WARRANTY
5.1. Axway shall provide Customer with the Licensed Component in object code form and with the Documentation. Full title to the Hardware Product passes to Customer upon Delivery. Products are delivered Free On Board (FOB) shipping point with freight and insurance prepaid. 5.2. The Use of certain Licensed Components will require a key. The key will be generated by Axway based on computer-dependent Customer information. Customer agrees to provide the necessary information as required to generate and activate the key. 5.3. THE TERMS OF THIS AGREEMENT ARE INSTEAD OF ALL WARRANTIES, CONDITIONS, TERMS, UNDERTAKINGS AND OBLIGATIONS IMPLIED BY STATUTE, COMMON LAW, CUSTOM, TRADE USAGE, COURSE OF DEALING OR OTHERWISE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE FULLEST EXTENT PERMITTED BY LAW.

ARTICLE 6 SUPPORT SERVICES
6.1. Upon payment of the applicable fees, Axway will provide technical Support Services, at the level specified on the Order Form. 6.2. Axway is under no obligation to provide Support Services (i) if there has been a modification or attempted modification of the Product (other than modifications made by Axway and delivered as part of the Product) or the Product has been improperly installed by Customer or operated or used other than in accordance with this Agreement and the Documentation; or (ii) if Customer has refused, delayed or otherwise failed to implement a release or other modification that Axway has provided or recommended.

ARTICLE 7 ADDITIONAL SERVICES
7.1. In accordance with its expertise and availability, Axway will, if ordered by Customer, provide services that may include installation, implementation, technical and training assistance services for the Product, or subscription-based services ("Additional Services") to Customer at the rates set forth in the Order Form or, if no rates are set forth, the rates in effect at the time that such Services are provided. 7.2. Except for Retained Works (defined below), all right and title to professional services deliverables shall belong to Customer. Axway will be the owner of any Retained Works, which are defined to include: (i) any pre-existing materials, including any of Axway's preexisting software code, proprietary software tools, or training materials incorporated into the deliverables; (ii) any customized modifications to the Licensed Component unless an applicable work order, SOW or other such similar document expressly provides that such modifications are assigned to Customer; and (iii) any third party programs which are integrated with or incorporated into the deliverables. For any Retained Works incorporated into a deliverable, Axway grants Customer a non-exclusive, worldwide, royalty-free license to use such Retained Works to the same extent that Customer is licensed to use any related Licensed Component.

ARTICLE 8 PAYMENT TERMS AND CONDITIONS
8.1. The fees for the Products and Support Services are listed in the Order Form. In addition to the fees listed in the Order Form, Customer shall be responsible for all personal property, sales, use, value-added, withholding and similar taxes (other than taxes on Axway's net income) arising from the transactions described in this Agreement. Where Customer's Use of the Software or receipt of Services is exempt from sales or other taxes, Customer shall provide Axway with the appropriate exemption certificate. All amounts payable under this Agreement shall be paid net thirty (30) days from the invoice date, unless stated otherwise in an Order Form. 8.2. The license fee is fixed and not subject to revision. It shall be invoiced in full on the Effective Date, unless stated otherwise in an Order Form. 8.3. Support Services fees shall be invoiced on the Effective Date and are due net thirty (30) days from the invoice date unless otherwise stated in an Order Form. Support Services fees are subject to annual revision as stated in the relevant Specific Conditions. 8.4. Fees for professional services shall be invoiced at the end of the month in which
they are provided. Travel and accommodation expenses incurred to provide training, technical assistance, support and installation services shall be invoiced to Customer based on the actual and reasonable costs incurred by Axway. Supporting documents will be provided upon reasonable request. Fees for professional services are subject to annual revision as stated in the relevant Specific Conditions. 8.5. Fees or other amounts remaining unpaid for thirty (30) days following the date of invoice shall be considered overdue and shall remain payable by Customer together with interest for late payment from the date payable at the rate of 4% per annum above the base rate for the time being of Lloyds TSB Bank plc. In addition to the above provision for late payment, Axway reserves the right to suspend performance of any Additional Services (which includes hosting services, as applicable).

ARTICLE 9 CUSTOMER RESPONSIBILITIES
9.1. Unless the hosted option is selected, Customer shall be responsible for operating the Product and shall: ensure that the hardware, base program, network and operating system configuration are suitable, develop the operating measures, control procedures and security measures required for data backup and replacement in the event of interruption in Product operation, 9.2. Customer is also responsible for: protecting its own recorded data, and the results obtained and any direct or indirect consequences thereof, making qualified personnel available to resolve any problems, and appointing one of its employees to serve as the primary point of contact with Axway for any technical issues

ARTICLE 10 INTELLECTUAL PROPERTY
10.1. Only a right to Use the Licensed Component is granted to Customer; any extension of the right granted shall be subject to Axway s prior written consent. The Parties acknowledge and agree that Customer has only Use rights with respect to the Licensed Component, but Customer owns the Hardware Product. Axway retains title in and to the Licensed Component, including any portion thereof and information, materials or copy made from it or any part of it and copyright in the Licensed Component. 10.2. If Customer wishes to make the Product interoperable with other programs, other than as envisaged in the Documentation, Axway may make the necessary information available to Customer upon receipt of a written request. 10.3. Except as otherwise provided for in this Agreement or permitted under applicable law, Customer will not, directly or through any person or entity, in any form or manner (i) copy, sublicense, lease, assign, distribute, reproduce, incorporate, use or allow access to the Product or modify, prepare derivative works from the Licensed Component except as explicitly permitted under this Agreement or (ii) decrypt, extract, decompile or otherwise reverse engineer the Licensed Component, or otherwise disassemble, derive or attempt to derive the source code of, or any processes, methods, specifications, protocols, algorithms, interfaces, data structures, or other information embodied or used in, the Product. The restrictions of this Article 10 shall survive the termination of the Agreement. If Customer has purchased licenses for a Trading Partner, Customer shall ensure each Trading Partner is bound to provisions at least as protective of Axway as Articles 4, 10, 12, 14 and 15. Customer shall promptly notify Axway of any unauthorized use, disclosure, reproduction, or distribution of any Product, which comes to Customers attention, or which Customer reasonably suspects. Customer may Use any Third Party Software products or modules supplied by Axway solely with the Licensed Component. 10.4. If, in the performance of any Additional Services hereunder, Axway is required to use any Customer supplied programs, Customer hereby warrants that it has obtained any necessary authorizations and licenses required to allow Axway to access and use such program as necessary for performance of the Services. Customer shall provide any associated supporting documentation to Axway promptly upon request.

ARTICLE 11 INDEMNIFICATION 11.1. Axway agrees to defend, settle and indemnify Customer from and against any amounts payable under judgment, court order or settlement brought by any unaffiliated third party against Customer to the extent that such action results from actual or alleged infringement by any Product of any third party copyright, trade secret or patent existing or issued as of the date that Axway initially Delivered the applicable version of such Product to Customer. In connection with any allegation of infringement of any third party rights, Customer shall (and it shall be a
condition of reliance upon the indemnity for Customer to): immediately notify Axway in writing of the allegation; and allow Axway sole control of the defense and any related settlement negotiations; and cooperate in good faith in the said defense and comply with all of Axways reasonable requests (at Axways expense) in defending or settling the claim. 11.2. Should Customers use of the Product be determined to have infringed any third party rights, or if in Axways judgment, such use is likely to be infringing, Axway shall endeavor at its option do one of the following, at its own expense: - procure for Customer the right to continue owning and/or using the Product, as applicable; - replace or modify the Product to make its Use non-infringing while yielding substantially equivalent functionality. If and only if the previous options are not, in Axways reasonable judgment, commercially reasonable, then Axway may terminate this Agreement as it applies to the specific Product and the corresponding rights of Use. Customer agrees to destroy or return the affected Product to Axway on its written request and Axway will then return the Product license fees to Customer as prorated over a five (5) year term commencing on the date of Delivery of the applicable Product by Axway. The obligations of Axway in this Article 11 will not apply to the extent that the infringement or claim thereof is based on (i) Use of the Product other than in accordance with this Agreement, or (ii) modifications or additions to the Product by Customer personnel (other than modifications at Axways direction) or (iii) use of other than the most recent version of any Product if and from the time Axway informs Customer in writing that infringement or misappropriation may be avoided by use of the most recent version of such Product.

THIS ARTICLE 11 SETS FORTH THE FULL SCOPE OF AXWAYS LIABILITY AND CUSTOMERS EXCLUSIVE REMEDY, TO THE EXTENT PERMITTED BY LAW, FOR ANY ACTUAL OR ALLEGED INFRINGEMENT OF THIRD PARTY RIGHTS IN CONNECTION WITH THE PRODUCT.

ARTICLE 12 LIABILITY

12.1. Axway does not warrant that the Product will operate in combination with other software selected by Customer, or that the Product will operate uninterrupted or free of non-material Defects. The Customer shall promptly inform Axway of any Defect and afford Axway reasonable opportunity to correct the Defect including, without limitation, the option to provide replacement Product, or correct any deficiency in Support Services. 12.2. Except for Axways obligations with respect to indemnification or confidentiality, Axway is not liable for any special, indirect, exemplary, incidental, punitive or consequential damages of any kind, including, without limitation, damages for loss of goodwill, work stoppage, lost profits, lost data or computer hardware or software damage, failure or malfunction, whether or not Axway has been advised of the possibility of such damages; except for Axways obligations with respect to indemnification or confidentiality, Axways liability hereunder shall not exceed the total amount of license and services fees invoiced under this agreement for the software giving rise to such liability during the calendar year in which the claim arose. the foregoing limitations of liability and disclaimers of damages apply regardless of the form in which an action (legal, equitable or otherwise) may be brought, whether in contract, tort, or otherwise. The limitations of liabilities, disclaimers of warranties, exclusivity of remedies and other limitations set forth herein are an essential element of the bargain between the parties (without which the transactions contemplated by this agreement would not occur) and will apply even if a remedy fails in its essential purpose. Axways liability for death and personal injury caused by its negligence and any breach of its obligations implied by Section 12 of the Sale of Goods Act 1979 or Section 2 of the Supply of Goods and Services Act 1982 will be unlimited 12.3. This Agreement is enforceable by the Parties to it and by their permitted assignees, otherwise a person who is not a party to this Agreement shall have no right to enforce or rely on any of the terms of this Agreement. The terms of this Article 12 shall survive termination of this Agreement.

ARTICLE 13 ADVERTISING

The Customer must include Axways name any time it refers to the Product. The Customer hereby authorizes Axway to include its name in a customer list.

ARTICLE 14 ADMINISTRATIVE REQUIREMENTS

The Customer is responsible for obtaining any required legal authorizations arising out of Customers particular use
of the Products and is responsible for its compliance with applicable data protection legislation.

ARTICLE 15 CONFIDENTIALITY

15.1. Each Party recognizes that under this Agreement either Party may have access to or otherwise receive trade secrets and confidential or proprietary information of the other, including information concerning products, including but not limited to the names of Customers clients, financial or contractual arrangements. All such information shall constitute "Confidential Information". The Products, including any Documentations or portions thereof and information, material or copy derived there from, is proprietary and confidential to Axway. Each Party agrees not to use, other than for the purposes for which it was disclosed or divulged the other party's Confidential Information and to limit disclosure of same to those of its employees and independent contractors who have a need to know the same and to use all reasonable endeavors to prevent its disclosure to or access by any third party without the prior written consent of the disclosing party. 15.2. Confidential Information does not include information that: (i) is or becomes a part of the public domain through no act or omission of the receiving Party; (ii) was in the receiving Party's lawful possession prior to the disclosure and had not been obtained by the receiving Party either directly or indirectly from the disclosing Party; (iii) is lawfully disclosed to the receiving Party by a third party without restriction on disclosure; (iv) is independently developed by the receiving Party without reference to the disclosing Party's Confidential Information; or (v) is required to be disclosed by any court of competent jurisdiction or by a governmental or regulatory authority or where there is a legal right, duty or requirement to disclose. In such event, the receiving Party will (and without breaching any legal or regulatory requirement) where reasonably practicable give the disclosing Party prompt notice in writing of the requirement to disclose. 15.3. The rights and obligations of the Parties under this Article 15 shall continue for three (3) years following expiration or termination of this Agreement.

ARTICLE 16 NON-SOLICITATION

16.1. For the duration of this Agreement and for the period of twelve (12) months following its termination or expiration, neither Party shall, without the prior written consent of the other Party, actively endeavor to solicit or entice away any person employed or engaged by the other Party in the performance or administration of this Agreement. 16.2. If a Party breaches the foregoing obligation, the breaching party shall pay to the other Party twelve times the prior monthly base salary of the relevant person, such sum being deemed by both Parties to be fair compensation for the loss suffered as a result of the breach. 16.3. The provisions of Article 16.2 shall not apply to any individual who can be proven to have responded to a bona fide published recruitment advertisement where the recruited person is not recruited to work for or with a party's personnel or department involved in this Agreement. Nothing in this Article 16 is intended to restrict the right of any individual to seek employment with whomsoever they wish, but is intended to provide for due compensation where such a situation occurs as a result of entering into this Agreement recognizing that loss of experienced personnel can have a serious effect upon any employer.

ARTICLE 17 TERMINATION

17.1. This Agreement may be terminated by either Party immediately upon written notice if the other Party is in material or continuing breach of any of its obligations under this Agreement and fails to remedy that breach (if capable of remedy) within thirty (30) days after receiving written notice of such breach. 17.2. Either Party may terminate this Agreement forthwith on giving written notice to the other Party if such Party has had a receiver or administrative receiver appointed over the whole or any part of its undertaking or assets or passes a resolution for winding up, or a court of competent jurisdiction makes an order to that effect or if the other Party enters into any voluntary arrangement with its creditors or becomes subject to a bankruptcy administration order or ceases to carry on business. 17.3. Upon termination of the Agreement Customer must, depending on the method of Product delivery, either: (i) return the Licensed Component and the Documentation to Axway and destroy or return any copies of the Licensed Component that it may have made within fifteen (15) days from the termination date or (ii) remove all copies of the Licensed Component and certify in writing that all copies have been removed and
destroyed. 17.4. After the Initial Support Term or any of the annual renewal of Support Services terms, either Party may terminate the Support Services on six (6) months prior written notice.

ARTICLE 18  WAIVER
The fact that either Party fails to take action after a breach by the other Party of any of its obligations arising hereunder shall not be construed or operate as a waiver of the obligation in question or of any later breach.

ARTICLE 19  SEVERABILITY
If any of the provisions of this Agreement, or any part thereof, is judged to be illegal or unenforceable, the remaining provisions will continue in full force and effect for the remainder of this Agreement and shall not be prejudiced, unless the substantive purpose of this Agreement is thereby frustrated, in which case either Party may terminate this Agreement forthwith on written notice.

ARTICLE 20  ASSIGNMENT
This Agreement and the license granted hereunder may not be assigned or transferred in whole or in part by Customer without Axway’s prior written consent. Axway may assign and transfer its complete rights and obligations under this Agreement, without the consent of Customer, to any corporation that is a wholly owned subsidiary or parent or sister corporation of Axway. This Agreement is enforceable by the Parties to it and by their permitted assignees, otherwise a person who is not a party to this Agreement shall have no right, including without limitation under the Contracts (Rights of Third Parties) Act 1999 to enforce or rely on any of the terms of this Agreement.

ARTICLE 21  AUDIT
Axway hereby reserves the right to conduct an on-site audit of Customer to verify compliance with the Licensed Component license granted herein by providing at least three (3) days prior written notice. Customer consents to audit compliance software being run on Customer systems. The Customer hereby agrees to cooperate with the audit in good faith, to grant Axway access to all relevant information and to provide copies of relevant information on request. In addition, Customer agrees, upon request by Axway from time to time, to provide Axway with a written report, certified by an officer, stating the physical Site(s) and computer systems with respect to which Customer is using the Licensed Component.

ARTICLE 22  EXPORT
Customer shall not export, ship, transmit or re-export the Products or Documentation in violation of any applicable law or regulation.

ARTICLE 23  THIRD PARTY SOFTWARE
Certain Third Party Software may be provided with the Licensed Component(s) that is subject to the accompanying license(s), if any, of its respective owner(s). To the extent portions of the Software are distributed under and subject to open source licenses obligating Axway to make the source code for such portions publicly available (such as the GNU General Public License (“GPL”) or the GNU Library General Public License (“LGPL”)), Axway will make such source code portions (including Axway modifications, as appropriate) available upon request for a period of up to three (3) years from the date of distribution. Such request can be made in writing to Axway Software - Tour W, 102 Terrasse Boieldieu, 92085 Paris La Dfense Cedex, France ATTN: Legal Department. Customer may obtain a copy of the GPL at http://www.gnu.org/licenses/gpl.html, and a copy of the LGPL at http://www.gnu.org/licenses/lgpl.html.

ARTICLE 24 - NOTICES
All notices, demands, consents, approvals and other communications shall be sufficient if in writing and sent by facsimile transmission (with a hard copy mailed on the same date) or registered or certified mail, return receipt requested, postage prepaid, or overnight courier service to the other party at its address set out in the Order Form or to such other superseding notice address that it has subsequently provided to other Party in writing. Each such notice shall be deemed to have been served: in the case of by hand and special delivery, when actually received; or if posted by recorded delivery shall be deemed to have been accepted on the expiry of forty eight (48) hours after posting and on proving posting it shall be sufficient to produce a copy of the notice properly addressed with the relevant post office receipt for its dispatch by recorded delivery.

ARTICLE 25 GOVERNING LAW and DISPUTES
25.1. This Agreement will be governed by and interpreted in accordance with the laws of England and Wales. Should any dispute arise, the Parties will use all reasonable efforts to attempt to resolve the dispute in good faith by senior level negotiations. The dispute shall be referred by a written request to an officer of each Party who has authority to resolve the dispute and who is not directly involved with the subject matter of this Agreement who shall meet within fifteen (15) days from the dispatch of the written request in order to attempt to resolve the dispute. 25.2. If the dispute is not resolved through negotiation, both Parties agree that the Courts of England will have exclusive jurisdiction in connection with the resolution of the dispute. The United Nations Convention on the International Sale of Goods shall not apply to this Agreement.

ATTACHMENT A ADDITIONAL DEFINITIONS
To the extent used in the Order Forms pursuant to this Agreement, the following definitions have the following meanings: Active (Production) License means a license for Use of the Product in a production environment. An Active/Active configuration refers to a shared cluster configuration whereby applications and data are simultaneously available to all server Instances in the cluster. Consequently, Active/Active clusters support high availability; Computer means one or a group of physical hardware machines processing data and hosting the running of one or more operating systems as defined in the Order Form; Core means the main part of CPU that interprets the instructions and performs the binary calculations. Every CPU has at least one Core, but can be composed of several Cores. If the right of Use is based on Cores and if the Licensed Component is used on a single computer with multiple Cores, the Core license must correspond with the number of respective Cores contained within such Computer CPU (Central Processing Unit) means a functional unit in a computer that interprets and executes instructions. If the right of Use is based on CPUs and if the Licensed Component is used on a single computer with multiple CPUs, the CPU license must correspond with the number of respective CPUs contained within such Computer Instance means a single occurrence of a Licensed Component. For clarification, if Customer has purchased only one Active Production Instance, Customer may run a single occurrence of the Licensed Component in RAM (Random Access Memory); Named User means a physical person susceptible to establish a session with the Licensed Component; Node means a running instance of an Axway program, i.e. a JVM (Java Virtual Machine) running an Axway application; Partition means a reserved part of the resources of an Operating Environment that is set aside for a specific purpose; Such as: Capped-Partition means the Sub-Capacity Partition using a determined maximum subset of the resources of an Operating Environment. Floating Partition means the Sub-Capacity Partition using a dynamically allocated subset of the resources of an Operating Environment. The maximum potential of resources used by a Sub-Capacity Partition equals the overall resources of the Operating Environment; Full-Capacity Partition means a Partition using all the resources of an Operating Environment. There can only be one Full-Capacity Partition per Operating Environment. If there is another partition, then both Partitions are Sub-Capacity Partitions; Sub-Capacity Partition means a partition using a subset of the resources of an Operating Environment; Passive (Non-Production) License refers to a cluster fail over or disaster recovery software architecture. The passive software doesn't execute unless the licensed production copy of the Licensed Component fails. Where Customer is not able to use its licensed production copy of the Licensed Component in the event of fail
over, the Passive license will start executing after a service interruption. A Passive License may also include those for test, development, archiving or quality control/quality assurance; User means, unless otherwise stated in the applicable Order: (a) with respect to all Products other than Products that are part of Axways Validation Authority or SecureTransport product suites, any person who is assigned login or Use rights or credentials by Customer to access the applicable Product, whether directly, through another application or otherwise; (b) with respect to any Product included in Axways SecureTransport product suite, any person or system who is assigned login or Use rights or credentials by Customer to access the applicable Product, whether directly, through another application or otherwise; and (c) with respect to any Product included in Axways Validation Authority product suite, any Validation Authority User. Validation Authority User means any Human User, Group User or Non-Human User. Human User means, with respect to the applicable Product included in Axways Validation Authority product line, any human who has one or more associated digital certificates associated with such human that: (i) uniquely identify such human; and (ii) are contained in a database or other repository that can be queried through Customers implementation of such Product. Group User means, with respect to the applicable Product included in Axways Validation Authority product line, any group of humans that has one or more associated digital certificates that: (i) uniquely identify such group; and (ii) are contained in a database or other repository that can be queried through Customers implementation of such Product. Non-Human User means, with respect to the applicable Product included in Axways Validation Authority product line, anything other than a Human User or Group User (such as a device) (Non-Human) that has one or more associated digital certificates that: (i) uniquely identify such Non-Human; and (ii) are contained in a database or other repository that can be queried through Customers implementation of such Product.

1.1594 python-pip 9.0.3-8.el7
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
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1.1600.1 Available under license:
Coverage.py was originally written by Gareth Rees, and since 2004 has been
extended and maintained by Ned Batchelder.
Other contributions, including writing code, updating docs, and submitting useful bug reports, have been made by:

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- Copy files to and from Containers in a cluster

# Copying Container Files
## Motivation

- Copying files from Containers in a cluster to a local filesystem
- Copying files from a local filesystem to Containers in a cluster

{% panel style="warning", title="Install Tar" %}
Copy requires that *tar* be installed in the container image.
{% endpanel %}

{% method %}

## Local to Remote

Copy a local file to a remote Pod in a cluster.

- Local file format is `<path>`
- Remote file format is `<pod-name>:<path>`

{% sample lang="yaml" %}
```bash
kubectl cp /tmp/foo_dir <some-pod>:/tmp/bar_dir
```  

{% endmethod %}

{% method %}

## Remote to Local

Copy a remote file from a Pod to a local file.

- Local file format is `path`
- Remote file format is `<pod-name>:<path>`

{% sample lang="yaml" %}
```bash
kubectl cp <some-pod>:/tmp/foo /tmp/bar
```  

{% endmethod %}

{% method %}

## Specify the Container

Specify the Container within a Pod running multiple containers.

- `-c <container-name>`
```
bash
kubectl cp /tmp/foo <some-pod>:/tmp/bar -c <specific-container>
```

```
kubectl cp /tmp/foo <some-namespace>/<some-pod>:/tmp/bar
```

## Namespaces

Set the Pod namespace by prefixing the Pod name with `<namespace>/` .

```
bash
kubectl cp /tmp/foo <pod-namespace>/<pod-name>::<path>
```

```
bash
kubectl cp /tmp/foo <some-namespace>/<some-pod>:/tmp/bar
```

### 1.1606 hostname 3.23

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hostname -- set the host name or show the host/domain name

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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
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lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
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iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)


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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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@end enumerate

@end enumerate

@end example

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========
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1.1621 ncurses-base 5.9 14.20130511.el7_4

1.1621.1 Available under license:

Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

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1.1622 curl 7.64.0-r1
1.1622.1 Available under license:

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libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

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# spdx-license-ids


A list of [SPDX license](https://spdx.org/licenses/) identifiers

## Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/about-npm):

```javascript
npm install spdx-license-ids
```

## [Node.js](https://nodejs.org/) API

### require('spdx-license-ids')

Type: `string[]`

All license IDs except for the currently deprecated ones.

```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]```
ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=> true

deps.includes('GPL-3.0'); //=> false
```
```javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]

deprecatedIds.includes('BSD-3-Clause'); //=> false
deprecatedIds.includes('CC-BY-1.0'); //=> false

deprecatedIds.includes('GPL-3.0'); //=> true
```javascript
```
```

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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    'variables': {
        'openssl_defines_BSD-x86_64': [
            'NDEBUG',
            'L_ENDIAN',
            'OPENSSL_PIC',
        ],
        'openssl_cflags_BSD-x86_64': [
            '-Wall -O3',
            '-pthread',
            '-Wall -O3',
        ],
        'openssl_ex_libs_BSD-x86_64': [
            '-pthread',
        ],
    }
}
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'openssl_cli_srcs_BSD-x86_64': [ 
'openssl/apps/asn1pars.c',
'openssl/apps/ca.c',
'openssl/apps/ciphers.c',
'openssl/apps/cms.c',
'openssl/apps/crl.c',
'openssl/apps/crl2p7.c',
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'openssl/apps/x509.c',
]
Minizlib was created by Isaac Z. Schlueter.
It is a derivative work of the Node.js project.

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openssl/crypto/sm2/sm2_sign.c,
openssl/crypto/sm3/m_sm3.c,
openssl/crypto/sm3/sm3.c,
openssl/crypto/sm4/sm4.c,
openssl/crypto/srp/srp_lib.c,
openssl/crypto/srp/srp_vfy.c,
openssl/crypto/stack/stack.c,
openssl/crypto/store/loader_file.c,
openssl/crypto/store/store_err.c,
openssl/crypto/store/store_init.c,
openssl/crypto/store/store_lib.c,
openssl/crypto/store/store_register.c,
openssl/crypto/store/store_strings.c,
openssl/crypto/threads_none.c,
openssl/crypto/threads_pthread.c,
openssl/crypto/threads_win.c,
openssl/crypto/ts/ts_asn1.c,
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openssl/crypto/ts/ts_err.c,
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openssl/crypto/ts/ts_req_utils.c,
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openssl/crypto/ts/ts_rsp_verify.c,
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'openssl/crypto/x509v3/v3err.c',
'openssl/engines/e_capi.c',
'openssl/engines/e_padlock.c',
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    './config/archs/BSD-x86/asm_avx2/crypto/aes/vpaes-x86.s',
    './config/archs/BSD-x86/asm_avx2/crypto/bf/bf-586.s',
    './config/archs/BSD-x86/asm_avx2/crypto/bn/bn-586.s',
    './config/archs/BSD-x86/asm_avx2/crypto/bn/co-586.s',
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    './config/archs/BSD-x86/asm_avx2/crypto/bn/x86-mont.s',
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    './config/archs/BSD-x86/asm_avx2/crypto/chacha/chacha-x86.s',
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    './config/archs/BSD-x86/asm_avx2/crypto/ripemd/ripemd/tmd-586.s',
    './config/archs/BSD-x86/asm_avx2/crypto/sha/sha1-586.s',
    './config/archs/BSD-x86/asm_avx2/crypto/sha/sha256-586.s',
    './config/archs/BSD-x86/asm_avx2/crypto/sha/sha512-586.s',
    './config/archs/BSD-x86/asm_avx2/crypto/whrlpool/wp-mmx.s',
    './config/archs/BSD-x86/asm_avx2/engines/e_padlock-x86.s',
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    'OPENSSL_PIC',
    'OPENSSL_CPUID_OBJ',
    'OPENSSL_BN_ASM_PART_WORDS',
    'OPENSSL_IA32_SSE2',
]
'OPENSSL_BN_ASM_MONT',
'OPENSSL_BN_ASM_GF2m',
'SHA1_ASM',
'SHA256_ASM',
'SHA512_ASM',
'RC4_ASM',
'MD5_ASM',
'RMD160_ASM',
'AESNI_ASM',
'VPAES_ASM',
'WHIRLPOOL_ASM',
'GHASH_ASM',
'ECP_NISTZ256_ASM',
'POLY1305_ASM',
],
'openssl_cflags_BSD-x86': [
'--noexecstack',
'-Wall -O3 -fomit-frame-pointer',
'-pthread',
'-Wall -O3 -fomit-frame-pointer',
],
'openssl_ex_libs_BSD-x86': [
'-pthread',
],
'include_dirs': [
'.',
'./include',
'./crypto',
'./crypto/include/internal',
],
'defines': ['<@(openssl_defines_BSD-x86)'],
'cflags' : ['<@(openssl_cflags_BSD-x86)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86)'],
'sources': ['<@(openssl_sources)'
],
}

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    'ECP_NISTZ256_ASM',
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}

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  `openssl/apps/ec.c',
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  `openssl/apps/engine.c',
  `openssl/apps/errstr.c',
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validate-npm-package-license

==================================

Give me a string and I'll tell you if it's a valid npm package license string.

```javascript
var valid = require('validate-npm-package-license');
```

SPDX license identifiers are valid license strings:

```javascript
var assert = require('assert');
var validSPDXExpression = {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```javascript
assert.deepEqual(
  valid('Apache 2.0'),
  {
    validForOldPackages: false,
    validForNewPackages: false,
    warnings: [
      'license should be ' +
      'a valid SPDX license expression (without "LicenseRef"), ' +
      '"UNLICENSED", or ' +
      '"SEE LICENSE IN <filename>".',
      'license is similar to the valid expression "Apache-2.0"'
    ]
  }
)
SPDX expressions are valid, too ...

```
````javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
  valid('GPL-3.0-only OR BSD-2-Clause'),
  validSPDXExpression
);
````

... except if they contain `LicenseRef`:

```
````javascript
var warningAboutLicenseRef = {
  validForOldPackages: false,
  validForNewPackages: false,
  spdx: true,
  warnings: [
    'license should be ' +
    'a valid SPDX license expression (without "LicenseRef"), ' +
    '"UNLICENSED", or ' +
    '"SEE LICENSE IN <filename>"',
  ]
};
````

assert.deepEqual(
  valid('LicenseRef-Made-Up'),
  warningAboutLicenseRef
);

assert.deepEqual(
  valid('(MIT OR LicenseRef-Made-Up)'),
  warningAboutLicenseRef
);
````

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```
````javascript
assert.deepEqual(
  valid('SEE LICENSE IN LICENSE.txt'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
  }
);
````
If there aren't any licensing terms, use `UNLICENSED`:

```javascript
...javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENCED'), unlicensed);
...```

### 1.1629 jaxb-runtime 2.3.0

#### 1.1629.1 Available under license:

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1.1630 diffutils 3.3 5.el7

1.1630.1 Available under license :
/* diff - compare files line by line


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#define GDIFF_MAIN
#include "diff.h"
#include <assert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
#include <getopt.h>
#include <hard-locale.h>
#include <prepargs.h>
#include <progsame.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>

/* The official name of this program (e.g., no 'g' prefix). */
#define PROGRAM_NAME "diff"

#define AUTHORS
  proper_name ("Paul Eggert"),
  proper_name ("Mike Haertel"),
  proper_name ("David Hayes"),
  proper_name ("Richard Stallman"),
  proper_name ("Len Tower")
```c
#ifndef GUTTER_WIDTH_MINIMUM
#define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
    char *regexps; /* chars representing disjunction of the regexps */
    size_t len; /* chars used in 'regexps' */
    size_t size; /* size malloc'ed for 'regexps'; 0 if not malloc'ed */
    bool multiple_regexps; /* Does 'regexps' represent a disjunction? */
    struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories recursively. */
static bool recursive;

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary). 
   On POSIX hosts, this has no effect. */
static bool binary;
#else
enum { binary = true };
#endif

/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty 
   (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s). */
```
Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =

/* Values for long options that do not have single-letter equivalents. */
enum
{
  BINARY_OPTION = CHAR_MAX + 1,
  FROM_FILE_OPTION,
  HELP_OPTION,
  HORIZON_LINES_OPTION,
  IGNORE_FILE_NAME_CASE_OPTION,
  INHIBIT_HUNK_MERGE_OPTION,
  LEFT_COLUMN_OPTION,
  LINE_FORMAT_OPTION,
  NO_DEREFERENCE_OPTION,
  NO_IGNORE_FILE_NAME_CASE_OPTION,
  NORMAL_OPTION,
  SDIFF_MERGE_ASSIST_OPTION,
  STRIP_TRAILING_CR_OPTION,
  SUPPRESS_BLANK_EMPTY_OPTION,
  SUPPRESS_COMMON_LINES_OPTION,
  TABSIZE_OPTION,
  TO_FILE_OPTION,

  /* These options must be in sequence. */
  UNCHANGED_LINE_FORMAT_OPTION,
  OLD_LINE_FORMAT_OPTION,
  NEW_LINE_FORMAT_OPTION,

  /* These options must be in sequence. */
  UNCHANGED_GROUP_FORMAT_OPTION,
  OLD_GROUP_FORMAT_OPTION,
  NEW_GROUP_FORMAT_OPTION,
  CHANGED_GROUP_FORMAT_OPTION
};

static char const group_format_option[][sizeof "--unchanged-group-format"] =
{
  "--unchanged-group-format",
  "--old-group-format",
  "--new-group-format",
  "--changed-group-format"
};

static char const line_format_option[][sizeof "--unchanged-line-format"] =

{
  "--unchanged-line-format",
  "--old-line-format",
  "--new-line-format"
};

static struct option const longopts[] =
{
  {"binary", 0, 0, BINARY_OPTION},
  {"brief", 0, 0, 'q'},
  {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
  {"context", 2, 0, 'C'},
  {"ed", 0, 0, 'e'},
  {"exclude", 1, 0, 'x'},
  {"exclude-from", 1, 0, 'X'},
  {"expand-tabs", 0, 0, 't'},
  {"forward-ed", 0, 0, 'f'},
  {"from-file", 1, 0, FROM_FILE_OPTION},
  {"help", 0, 0, HELP_OPTION},
  {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
  {"ifdef", 1, 0, 'D'},
  {"ignore-all-space", 0, 0, 'w'},
  {"ignore-blank-lines", 0, 0, 'B'},
  {"ignore-case", 0, 0, 'i'},
  {"ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION},
  {"ignore-matching-lines", 1, 0, 'l'},
  {"ignore-space-change", 0, 0, 'b'},
  {"ignore-tab-expansion", 0, 0, 't'},
  {"ignore-trailing-space", 0, 0, 'Z'},
  {"inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION},
  {"initial-tab", 0, 0, 't'},
  {"label", 1, 0, 'L'},
  {"left-column", 0, 0, LEFT_COLUMN_OPTION},
  {"line-format", 1, 0, LINE_FORMAT_OPTION},
  {"minimal", 0, 0, 'd'},
  {"new-file", 0, 0, 'N'},
  {"new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION},
  {"new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION},
  {"no-dereference", 0, 0, NO_DEREFERENCE_OPTION},
  {"no-ignore-file-name-case", 0, 0, NO_IGNORE_FILE_NAME_CASE_OPTION},
  {"normal", 0, 0, NORMAL_OPTION},
  {"old-group-format", 1, 0, OLD_GROUP_FORMAT_OPTION},
  {"old-line-format", 1, 0, OLD_LINE_FORMAT_OPTION},
  {"paginate", 0, 0, 'p'},
  {"rcs", 0, 0, 't'},
  {"recursive", 0, 0, 'r'},
  {"report-identical-files", 0, 0, 's'},
  {"sdiff-merge-assist", 0, 0, SDIFF_MERGE_ASSIST_OPTION},
{"show-c-function", 0, 0, 'p'},
{"show-function-line", 1, 0, 'F'},
{"side-by-side", 0, 0, 'y'},
{"speed-large-files", 0, 0, 'H'},
{"starting-file", 1, 0, 'S'},
{"strip-trailing-cr", 0, 0, STRIP_TRAILING_CR_OPTION},
{"suppress-blank-empty", 0, 0, SUPPRESS_BLANK_EMPTY_OPTION},
{"suppress-common-lines", 0, 0, SUPPRESS_COMMON_LINES_OPTION},
{"tabsize", 1, 0, TABSIZE_OPTION},
{"text", 0, 0, 'a'},
{"to-file", 1, 0, TO_FILE_OPTION},
{"unchanged-group-format", 1, 0, UNCHANGED_GROUP_FORMAT_OPTION},
{"unchanged-line-format", 1, 0, UNCHANGED_LINE_FORMAT_OPTION},
{"unidirectional-new-file", 0, 0, 'P'},
{"unified", 2, 0, 'U'},
{"version", 0, 0, 'v'},
{"width", 1, 0, 'W'},
{0, 0, 0}
};

/* Return a string containing the command options with which diff was invoked.
   Spaces appear between what were separate ARGV-elements.
   There is a space at the beginning but none at the end.
   If there were no options, the result is an empty string.

   Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT,
              the length of that vector. */

static char *
option_list (char **optionvec, int count)
{
  int i;
  size_t size = 1;
  char *result;
  char *p;

  for (i = 0; i < count; i++)
    size += 1 + shell_quote_length (optionvec[i]);

  p = result = xmalloc (size);

  for (i = 0; i < count; i++)
    {
      *p++ = ' ';
      p = shell_quote_copy (p, optionvec[i]);
    }

  *p = '\0';
/* Return an option value suitable for add_exclude. */

static int
exclude_options (void)
{
    return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int
main (int argc, char **argv)
{
    int exit_status = EXIT_SUCCESS;
    int c;
    int i;
    int prev = -1;
    lin ocontext = -1;
    bool explicit_context = false;
    size_t width = 0;
    bool show_c_function = false;
    char const *from_file = NULL;
    char const *to_file = NULL;
    uintmax_t numval;
    char *numend;

    /* Do our initializations. */
    exit_failure = EXIT_TROUBLE;
    initialize_main (&argc, &argv);
    set_program_name (argv[0]);
    setlocale (LC_ALL, "");
    bindtextdomain (PACKAGE, LOCALEDIR);
    textdomain (PACKAGE);
    c_stack_action (0);
    function_regexp_list.buf = &function_regexp;
    ignore_regexp_list.buf = &ignore_regexp;
    re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
    excluded = new_exclude ();

    /* Decode the options. */

    while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
    {
        switch (c)
        {
        case 0:
break;

case '0':
case '1':
case '2':
case '3':
case '4':
case '5':
case '6':
case '7':
case '8':
case '9':
    if (! ISDIGIT (prev))
        ocontext = c - '0';
    else if (LIN_MAX / 10 < ocontext |
        ((ocontext = 10 * ocontext + c - '0') < 0))
        ocontext = LIN_MAX;
    break;

case 'a':
    text = true;
    break;

case 'b':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space = IGNORE_SPACE_CHANGE;
    break;

case 'Z':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TRAILING_SPACE;
    break;

case 'B':
    ignore_blank_lines = true;
    break;

case 'C':
case 'U':
    
    if (optarg)
        
    numval = strtoumax (optarg, &numend, 10);
    if (*numend)
        try_help ("invalid context length ‘%s’, optarg); 
    if (LIN_MAX < numval)
        numval = LIN_MAX;
    }
else
    numval = 3;

specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
if (context < numval)
    context = numval;
    explicit_context = true;
}
break;

case 'c':
    specify_style (OUTPUT_CONTEXT);
if (context < 3)
    context = 3;
break;

case 'd':
    minimal = true;
break;

case 'D':
    specify_style (OUTPUT_IFDEF);
{
    static char const C_ifdef_group_formats[] =
        "%%=%c ifndef %s \n%%<#endif /* ! %s */
        %s ifdef %s
        %%>ifndef %s \n%%<#else /* %s */
        %s ifdef %s
        %%>#endif /* %s */
        %s ifndef %s
        %%<
    ;
    char *b = xmalloc(sizeof C_ifdef_group_formats
        + 7 * strlen(optarg) - 14 /* 7*"%s" */
        - 8 /* 5*"%s" + 3*"c" */);
    sprintf(b, C_ifdef_group_formats,
        optarg, optarg, 0,
        optarg, optarg, 0,
        optarg, optarg, optarg);
    for (i = 0; i < size_of group format / size_of group format[0]; i++)
    {
        specify_value (&group_format[i], b, "-D");
    b += strlen(b) + 1;
    }
}
break;

case 'e':
    specify_style (OUTPUT_ED);
break;

case 'E':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
ignore_white_space |= IGNORE_TAB_EXPANSION;
break;

case 'T':
    specify_style (OUTPUT_FORWARD_ED);
    break;

case 'F':
    add_regexp (&function_regexp_list, optarg);
    break;

case 'h':
/* Split the files into chunks for faster processing. 
   Usually does not change the result. 
   This currently has no effect. */
    break;

case 'H':
    speed_large_files = true;
    break;

case 'i':
    ignore_case = true;
    break;

case 'L':
    if (!pr_program[0])
        try_help ("pagination not supported on this host", NULL);
    paginate = true;
    #ifdef SIGCHLD
/* Pagination requires forking and waiting, and 
   System V fork+wait does not work if SIGCHLD is ignored. */
    signal (SIGCHLD, SIG_DFL);
    #endif
    break;

case 'L':
    if (!file_label[0])
        file_label[0] = optarg;
    else if (!file_label[1])
        file_label[1] = optarg;
    else
        fatal ("too many file label options");
break;

case 'n':
    specify_style (OUTPUT_RCS);
    break;

case 'N':
    new_file = true;
    break;

case 'p':
    show_c_function = true;
    add_regexp (&function_regexp_list, "^\[:alpha:]$_\]");
    break;

case 'P':
    unidirectional_new_file = true;
    break;

case 'q':
    brief = true;
    break;

case 'r':
    recursive = true;
    break;

case 's':
    report_identical_files = true;
    break;

case 'S':
    specify_value (&starting_file, optarg, "-S");
    break;

case 't':
    expand_tabs = true;
    break;

case 'T':
    initial_tab = true;
    break;

case 'u':
    specify_style (OUTPUT_UNIFIED);
    if (context < 3)
        context = 3;
    break;
case 'v':
    version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
                   AUTHORS, (char *) NULL);
    check_stdout ();
    return EXIT_SUCCESS;

case 'w':
    ignore_white_space = IGNORE_ALL_SPACE;
    break;

case 'x':
    add_exclude (excluded, optarg, exclude_options ());
    break;

case 'X':
    if (add_exclude_file (add_exclude, excluded, optarg,
                          exclude_options (), 'n'))
        pfatal_with_name (optarg);
    break;

case 'y':
    specify_style (OUTPUT_SDIFF);
    break;

case 'W':
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid width '%s'", optarg);
    if (width != numval)
    {
        if (width)
            fatal ("conflicting width options");
        width = numval;
    }
    break;

case BINARY_OPTION:
#if O_BINARY
    binary = true;
    if (! isatty (STDOUT_FILENO))
        set_binary_mode (STDOUT_FILENO, O_BINARY);
#endif
    break;

case FROM_FILE_OPTION:
    specify_value (&from_file, optarg, "--from-file");
    break;
case HELP_OPTION:
    usage ();
    check_stdout ();
    return EXIT_SUCCESS;

case HORIZON_LINES_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (*numend)
        try_help ("invalid horizon length '%s'", optarg);
    horizon_lines = MAX (horizon_lines, MIN (numval, LIN_MAX));
    break;

case IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = true;
    break;

case INHIBIT_HUNK_MERGE_OPTION:
    /* This option is obsolete, but accept it for backward
     * compatibility. */
    break;

case LEFT_COLUMN_OPTION:
    left_column = true;
    break;

case LINE_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
        specify_value (&line_format[i], optarg, "--line-format");
    break;

case NO_DEREFERENCE_OPTION:
    no_dereference_symlinks = true;
    break;

case NO_IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = false;
    break;

case NORMAL_OPTION:
    specify_style (OUTPUT_NORMAL);
    break;

case SDIFF_MERGE_ASSIST_OPTION:
    specify_style (OUTPUT_SDIFF);
    sdiff_merge_assist = true;
    break;
case STRIP_TRAILING_CR_OPTION:
    strip_trailing_cr = true;
    break;

case SUPPRESS_BLANK_EMPTY_OPTION:
    suppress_blank_empty = true;
    break;

case SUPPRESS_COMMON_LINES_OPTION:
    suppress_common_lines = true;
    break;

case TABSIZE_OPTION:
    numval = strtomax(optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid tabsize " "%%s", optarg);
    if (tabsize != numval)
        { 
        if (tabsize)
            fatal ("conflicting tabsize options");
            tabsize = numval;
        }
    break;

case TO_FILE_OPTION:
    specify_value (&to_file, optarg, "--to-file");
    break;

case UNCHANGED_LINE_FORMAT_OPTION:
    case OLD_LINE_FORMAT_OPTION:
    case NEW_LINE_FORMAT_OPTION:
        specify_style (OUTPUT_IFDEF);
        c = -UNCHANGED_LINE_FORMAT_OPTION;
        specify_value (&line_format[c], optarg, line_format_option[c]);
        break;

case UNCHANGED_GROUP_FORMAT_OPTION:
    case OLD_GROUP_FORMAT_OPTION:
    case NEW_GROUP_FORMAT_OPTION:
    case CHANGED_GROUP_FORMAT_OPTION:
        specify_style (OUTPUT_IFDEF);
        c = -UNCHANGED_GROUP_FORMAT_OPTION;
        specify_value (&group_format[c], optarg, group_format_option[c]);
        break;

default:
    try_help (NULL, NULL);
if (output_style == OUTPUT_UNSPECIFIED)
{
    if (show_c_function)
    {
        specify_style (OUTPUT_CONTEXT);
        if (ocontext < 0)
            context = 3;
    } else
        specify_style (OUTPUT_NORMAL);
}

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
{
    #if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \ 
        || defined HAVE_STRUCT_STAT_ST_SPARE1)
        time_format = "%Y-%m-%d %H:%M:%S,%N %z";
    #else
        time_format = "%Y-%m-%d %H:%M:%S %z";
    #endif
    else
        /* See POSIX 1003.1-2001 for this format. */
        time_format = "%a %b %e %T %Y";
}

if (0 <= ocontext
    && (output_style == OUTPUT_CONTEXT
        || output_style == OUTPUT_UNIFIED)
    && (context < ocontext
        || (ocontext < context && ! explicit_context)))
    context = ocontext;

if (! tabsize)
    tabsize = 8;
if (! width)
    width = 130;

/* Maximize first the half line width, and then the gutter width,
   according to the following constraints:

1. Two half lines plus a gutter must fit in a line.
2. If the half line width is nonzero:
   a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
   b. If tabs are not expanded to spaces,
a half line plus a gutter is an integral number of tabs,
so that tabs in the right column line up. */

    intmax_t t = expand_tabs ? 1 : tabsize;
    intmax_t w = width;
    intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
    sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
    sdiff_column2_offset = sdiff_half_width ? off : w;
}

    /* Make the horizon at least as large as the context, so that
    shift_boundaries has more freedom to shift the first and last hunks. */
    if (horizon_lines < context)
        horizon_lines = context;

    summarize_regexp_list (&function_regexp_list);
    summarize_regexp_list (&ignore_regexp_list);

    if (output_style == OUTPUT_IFDEF)
        {
            for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
                if (!line_format[i])
                    line_format[i] = "%l\n";
            if (!group_format[OLD])
                group_format[OLD] = group_format[CHANGED] ? group_format[CHANGED] : "%<";
            if (!group_format[NEW])
                group_format[NEW] = group_format[CHANGED] ? group_format[CHANGED] : "%>";
            if (!group_format[UNCHANGED])
                group_format[UNCHANGED] = "%="
            if (!group_format[CHANGED])
                group_format[CHANGED] = concat (group_format[OLD],
                                                group_format[NEW], "")
        }

    no_diff_means_no_output =
        (output_style == OUTPUT_IFDEF ?
        (!group_format[UNCHANGED] || (STREQ (group_format[UNCHANGED], "%="))
        && !line_format[UNCHANGED])
        : (output_style != OUTPUT_SDIFF) | suppress_common_lines);

    files_can_be_treated_as_binary =
    (brief & binary
switch_string = option_list (argv + 1, optind - 1);

if (from_file)
{
    if (to_file)
        fatal ("--from-file and --to-file both specified");
    else
        for (; optind < argc; optind++)
            {        
                int status = compare_files (NULL, from_file, argv[optind]);
                if (exit_status < status)
                    exit_status = status;
            }
    }
else
    {        
    if (to_file)
        for (; optind < argc; optind++)
            {        
                int status = compare_files (NULL, argv[optind], to_file);
                if (exit_status < status)
                    exit_status = status;
            }
    }
else
    {        
    if (argc - optind != 2)
            
        if (argc - optind < 2)
            try_help ("missing operand after "'"s"", argv[argc - 1]);
        else
            try_help ("extra operand "'"s"", argv[optind + 2]);
    }

    exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
}

/* Print any messages that were saved up for last. */
print_message_queue ();

check_stdout ();
exit (exit_status);
return exit_status;
/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
  size_t patlen = strlen (pattern);
  char const *m = re_compile_pattern (pattern, patlen, reglist->buf);

  if (m != 0)
    error (0, 0, "%s: %s", pattern, m);
  else
  {
    char *regexps = reglist->regexps;
    size_t len = reglist->len;
    bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
    size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
    size_t size = reglist->size;

    if (size <= newlen)
    {
      if (!size)
        size = 1;

      do size *= 2;
      while (size <= newlen);

      reglist->size = size;
      reglist->regexps = regexps = xrealloc (regexps, size);
    }
    if (multiple_regexps)
    {
      regexps[len++] = '\';
      regexps[len++] = '|';
    }
    memcpy (regexps + len, pattern, patlen + 1);
  }

  /* Ensure that REGLIST represents the disjunction of its regexps. 
   * This is done here, rather than earlier, to avoid O(N^2) behavior. */

  static void
summarize_regexp_list (struct regexp_list *reglist)
{
  if (reglist->regexps)
  {
    /* At least one regexp was specified. Allocate a fastmap for it. */
    reglist->buf->fastmap = xmalloc (1 << CHAR_BIT);
if (reglist->multiple_regexps)
{
/* Compile the disjunction of the regexps.
(If just one regexp was specified, it is already compiled.) */
char const *m = re_compile_pattern (reglist->regexps, reglist->len,
reglist->buf);
if (m)
error (EXIT_TROUBLE, 0, "%s: %s", reglist->regexps, m);
}
}
}
static void
try_help (char const *reason_msgid, char const *operand)
{
if (reason_msgid)
error (0, 0, _(reason_msgid), operand);
error (EXIT_TROUBLE, 0, _("Try '%s --help' for more information."),
program_name);
abort ();
}
static void
check_stdout (void)
{
if (ferror (stdout))
fatal ("write failed");
else if (fclose (stdout) != 0)
pfatal_with_name (_("standard output"));
}
static char const * const option_help_msgid[] = {
N_(" --normal
output a normal diff (the default)"),
N_("-q, --brief
report only when files differ"),
N_("-s, --report-identical-files report when two files are the same"),
N_("-c, -C NUM, --context[=NUM] output NUM (default 3) lines of copied context"),
N_("-u, -U NUM, --unified[=NUM] output NUM (default 3) lines of unified context"),
N_("-e, --ed
output an ed script"),
N_("-n, --rcs
output an RCS format diff"),
N_("-y, --side-by-side
output in two columns"),
N_("-W, --width=NUM
output at most NUM (default 130) print columns"),
N_(" --left-column
output only the left column of common lines"),
N_(" --suppress-common-lines do not output common lines"),
"",
N_("-p, --show-c-function
show which C function each change is in"),
N_("-F, --show-function-line=RE show the most recent line matching RE"),
N_(" --label LABEL
use LABEL instead of file name\n"
"
(can be repeated)"),

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"-t, --expand-tabs expand tabs to spaces in output",
N_("-T, --initial-tab make tabs line up by prepending a tab"),
N_("--tabsize=NUM tab stops every NUM (default 8) print columns"),
N_("--suppress-blank-empty suppress space or tab before empty output lines"),
N_("--l, --paginate pass output through 'pr' to paginate it"),
**, 
N_("-r, --recursive recursively compare any subdirectories found"),
N_("--no-dereference don't follow symbolic links"),
N_("--new-file treat absent files as empty"),
N_("--unidirectional-new-file treat absent first files as empty"),
N_("--ignore-file-name-case ignore case when comparing file names"),
N_("--no-ignore-file-name-case consider case when comparing file names"),
N_("-x, --exclude=PAT exclude files that match PAT"),
N_("-X, --exclude-from=FILE exclude files that match any pattern in FILE"),
N_("-S, --starting-file=FILE start with FILE when comparing directories"),
N_("--from-file=FILE1 compare FILE1 to all operands\n" FILE1 can be a directory"),
N_("--to-file=FILE2 compare all operands to FILE2\n" FILE2 can be a directory"),
**, 
N_("-i, --ignore-case ignore case differences in file contents"),
N_("-E, --ignore-tab-expansion ignore changes due to tab expansion"),
N_("-Z, --ignore-trailing-space ignore white space at line end"),
N_("-b, --ignore-space-change ignore changes in the amount of white space"),
N_("-w, --ignore-all-space ignore all white space"),
N_("-B, --ignore-blank-lines ignore changes where lines are all blank"),
N_("-I, --ignore-matching-lines=RE ignore changes where all lines match RE"),
**, 
N_("-a, --text treat all files as text"),
N_("--strip-trailing-cr strip trailing carriage return on input"),
#endif
N_("--binary read and write data in binary mode"),
#else
N_("-D, --ifdef=NAME output merged file with '#ifdef NAME' diffs"),
N_("--GTYPES-group-format=GFMT format GTYPE input groups with GFMT"),
N_("--line-format=LFMT format all input lines with LFMT"),
N_("--LTYPE-line-format=LFMT format LTYPE input lines with LFMT"),
N_("These format options provide fine-grained control over the output of diff, generalizing -D/--ifdef.")
N_(" LTYPE is 'old', 'new', or 'unchanged'. GTYPE is LTYPE or 'changed'."),
N_(" GFMT (only) may contain:"
" %< lines from FILE1\n%> lines from FILE2\n%<[-][WIDTH][[PREC]][(doxX)LETTER printf-style spec for LETTER\n LETTERs are as follows for new group, lower case for old group:\n\n---
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F  first line number
L  last line number
N  number of lines = L-F+1
E  F-1
M  L+1
%(A=B?T:E)  if A equals B then T else E"),
N("  LFMT (only) may contain:\n  %L  contents of line\n  %l contents of line, excluding any trailing newline\n  %[-][WIDTH][.[PREC]][(doX])n  printf-style spec for input line number"),
N("  Both GFMT and LFMT may contain:\n  %\%  %\n  %cC' the single character C\n  %c\%OOO' the character with octal code OOO\n  C  the character C (other characters represent themselves)"),
".
N("-d, --minimal  try hard to find a smaller set of changes"),
N("  --horizon-lines=NUM  keep NUM lines of the common prefix and suffix"),
N("  --speed-large-files  assume large files and many scattered small changes"),
".
N("  --help  display this help and exit"),
N("-v, --version  output version information and exit"),
".
N("FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR.'.
N("  If --from-file or --to-file is given, there are no restrictions on FILE(s)."),
N("  If a FILE is '-', read standard input."),
N("  Exit status is 0 if inputs are the same, 1 if different, 2 if trouble."),
0
};

static void
usage (void)
{
    char const * const *p;

    printf (_("Usage: %s [OPTION]... FILES\n"), program_name);
    printf (_("Compare FILES line by line."));
    fputs (_("\n Mandatory arguments to long options are mandatory for short options too.\n"), stdout);

    for (p = option_help_msgid;  *p;  p++)
    {
        if (!**p)
            putchar ('\n');
        else
            {


char const *msg = *(p);
char const *nl;
while ((nl = strchr (msg, '\n')))
{
    int msglen = nl + 1 - msg;
    printf ("%.*s", msglen, msg);
    msg = nl + 1;
}

printf ("%s\n" + 2 * (*msg != ' ' && *msg != '-'), msg);
}
emit_bug_reporting_address();

/* Set VAR to VALUE, reporting an OPTION error if this is a conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
    if (*var && ! STREQ (*var, value))
    {
        error (0, 0, _("conflicting %s option value '%s'"), option, value);
        try_help (NULL, NULL);
    }
    *var = value;
}

/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
    if (output_style != style)
    {
        if (output_style != OUTPUT_UNSPECIFIED)
            try_help (_("conflicting output style options"), NULL);
        output_style = style;
    }
}

/* Set the last-modified time of *ST to be the current time. */

static void
set_mtime_to_now (struct stat *st)
{
#ifdef STAT_TIMESPEC
    gettime (&STAT_TIMESPEC (st, st_mtim));
#else
struct timespec t;
gettime (&t);
st->st_mtime = t.tv_sec;
#if defined STAT_TIMESPEC_NS
STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
#else defined HAVE_STRUCT_STAT_ST_SPARE1
st->st_spare1 = t.tv_nsec / 1000;
#endif
#endif
}

/* Compare two files (or dirs) with parent comparison PARENT
and names NAME0 and NAME1.
(If PARENT is null, then the first name is just NAME0, etc.)
This is self-contained; it opens the files and closes them.

Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
               char const *name0,
               char const *name1)
{
struct comparison cmp;
#define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
register int f;
int status = EXIT_SUCCESS;
bool same_files;
char *free0;
char *free1;

    /* If this is directory comparison, perhaps we have a file
       that exists only in one of the directories.
       If so, just print a message to that effect. */

    if (! ((name0 && name1)
          || (unidirectional_new_file && name1)
          || new_file))
    {
        char const *name = name0 ? name0 : name1;
        char const *dir = parent->file[!name0].name;

        /* See POSIX 1003.1-2001 for this format. */
        message ("Only in %s: %s\n", dir, name);

        /* Return EXIT_FAILURE so that diff_dirs will return
           EXIT_FAILURE ("some files differ"). */
    }

    /* Compare fileуп directory, and names NAME0 and NAME1.
       (If PARENT is null, then the first name is just NAME0, etc.)
       This is self-contained; it opens the files and closes them.
       Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
               char const *name0,
               char const *name1)
{
struct comparison cmp;
#define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
register int f;
int status = EXIT_SUCCESS;
bool same_files;
char *free0;
char *free1;

    /* If this is directory comparison, perhaps we have a file
       that exists only in one of the directories.
       If so, just print a message to that effect. */

    if (! ((name0 && name1)
          || (unidirectional_new_file && name1)
          || new_file))
    {
        char const *name = name0 ? name0 : name1;
        char const *dir = parent->file[!name0].name;

        /* See POSIX 1003.1-2001 for this format. */
        message ("Only in %s: %s\n", dir, name);

        /* Return EXIT_FAILURE so that diff_dirs will return
           EXIT_FAILURE ("some files differ"). */
    }
return EXIT_FAILURE;
}

memset(cmp.file, 0, sizeof cmp.file);
cmp.parent = parent;

/* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */
#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

/* Now record the full name of each file, including nonexistent ones. */
if (!name0)
  name0 = name1;
if (!name1)
  name1 = name0;

if (!parent)
{
  free0 = NULL;
  free1 = NULL;
  cmp.file[0].name = name0;
  cmp.file[1].name = name1;
}
else
{
  cmp.file[0].name = free0 = file_name_concat (parent->file[0].name, name0, NULL);
  cmp.file[1].name = free1 = file_name_concat (parent->file[1].name, name1, NULL);
}

/* Stat the files. */

for (f = 0; f < 2; f++)
{
  if (cmp.file[f].desc != NONEXISTENT)
  {
    if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
    {
      cmp.file[f].desc = cmp.file[0].desc;
      cmp.file[f].stat = cmp.file[0].stat;
    }
  }
}
else if (STREQ (cmp.file[f].name, ".-"))
{
    cmp.file[f].desc = STDIN_FILENO;
    if (binary && ! isatty (STDIN_FILENO))
        set_binary_mode (STDIN_FILENO, O_BINARY);
    if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
        cmp.file[f].desc = ERRNO_ENCODE (errno);
    else
    {
        if (S_ISREG (cmp.file[f].stat.st_mode))
        {
            off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
            if (pos < 0)
                cmp.file[f].desc = ERRNO_ENCODE (errno);
            else
            {
                cmp.file[f].stat.st_size =
                    MAX (0, cmp.file[f].stat.st_size - pos);
            }
        }
    } /* POSIX 1003.1-2001 requires current time for stdin. */
    set_mtime_to_now (&cmp.file[f].stat);
}
else if (((no_dereference_symlinks
    ? lstat (cmp.file[f].name, &cmp.file[f].stat)
    : stat (cmp.file[f].name, &cmp.file[f].stat))
    != 0)
    cmp.file[f].desc = ERRNO_ENCODE (errno);
}

/* Mark files as nonexistent as needed for -N and -P, if they are
 inaccessible empty regular files (the kind of files that 'patch'
 creates to indicate nonexistent backups), or if they are
 top-level files that do not exist but their counterparts do
 exist. */
for (f = 0; f < 2; f++)
    if ((new_file || (f == 0 && unidirectional_new_file))
        && (cmp.file[f].desc == UNOPENED
            ? (S_ISREG (cmp.file[f].stat.st_mode)
                && ! (cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
                && cmp.file[f].stat.st_size == 0)
                : ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
                    || cmp.file[f].desc == ERRNO_ENCODE (EBADF))
                    && ! parent
                    && (cmp.file[1 - f].desc == UNOPENED
                    || cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
                    || cmp.file[f].desc == ERRNO_ENCODE (EBADF))
                    && ! parent
                    && (cmp.file[1 - f].desc == UNOPENED
                    || cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
                    || cmp.file[f].desc == ERRNO_ENCODE (EBADF)))
            && ! isatty (STDIN_FILENO))
        set_binary_mode (STDIN_FILENO, O_BINARY);
        if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
            cmp.file[f].desc = ERRNO_ENCODE (errno);
        else
        {
            if (S_ISREG (cmp.file[f].stat.st_mode))
            {
                off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
                if (pos < 0)
                    cmp.file[f].desc = ERRNO_ENCODE (errno);
                else
                {
                    cmp.file[f].stat.st_size =
                        MAX (0, cmp.file[f].stat.st_size - pos);
                }
            } /* POSIX 1003.1-2001 requires current time for stdin. */
            set_mtime_to_now (&cmp.file[f].stat);
        } /* POSIX 1003.1-2001 requires current time for stdin. */
        set_mtime_to_now (&cmp.file[f].stat);
    } /* POSIX 1003.1-2001 requires current time for stdin. */
for (f = 0; f < 2; f++)
  if (cmp.file[f].desc == NONEXISTENT)
    {
    memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
    cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;
    }

for (f = 0; f < 2; f++)
  {
  int e = ERRNO_DECODE (cmp.file[f].desc);
  if (0 <= e)
    {
    errno = e;
    perror_with_name (cmp.file[f].name);
    status = EXIT_TROUBLE;
    }
  }

if (status == EXIT_SUCCESS && ! parent && DIR_P (0) != DIR_P (1))
  {
  /* If one is a directory, and it was specified in the command line,
   use the file in that dir with the other file's basename. */

  int fnm_arg = DIR_P (0);
  int dir_arg = 1 - fnm_arg;
  char const *fnm = cmp.file[fnm_arg].name;
  char const *dir = cmp.file[dir_arg].name;
  char const *filename = cmp.file[dir_arg].name;
  = find_dir_file_pathname (dir, last_component (fnm));

  if (STREQ (fnm, "-"))
    fatal ("cannot compare '-' to a directory");

  if ((no_dereference_symlinks
      ? lstat (filename, &cmp.file[dir_arg].stat)
      : stat (filename, &cmp.file[dir_arg].stat))
      != 0)
    {
    perror_with_name (filename);
    status = EXIT_TROUBLE;
    }
  }

if (status != EXIT_SUCCESS)
  {
  ```
/* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
&& cmp.file[1].desc == NONEXISTENT)
{
    /* Neither file "exists", so there's nothing to compare. */
}
else if (cmp.file[0].desc == NONEXISTENT && cmp.file[1].desc == NONEXISTENT)
{
    /* The two named files are actually the same physical file. We
     * know they are identical without actually reading them. */
}
else if ((same_files
    = (cmp.file[0].desc != NONEXISTENT && cmp.file[1].desc != NONEXISTENT
    && 0 < same_file (&cmp.file[0].stat, &cmp.file[1].stat)
    && same_file_attributes (&cmp.file[0].stat, &cmp.file[1].stat)))
    && no_diff_means_no_output)
{
    /* The two named files are actually the same physical file. We
     * know they are identical without actually reading them. */
}
else if (DIR_P (0) & DIR_P (1))
{
    if (output_style == OUTPUT_IFDEF)
        fatal ("-D option not supported with directories");

    /* If both are directories, compare the files in them. */

    if (parent && !recursive)
    {
        /* But don't compare dir contents one level down
         * unless -r was specified.
         * See POSIX 1003.1-2001 for this format. */
        message ("Common subdirectories: %s and %s\n", cmp.file[0].name, cmp.file[1].name);
    }
    else
        status = diff_dirs (&cmp, compare_files);
}
else if ((DIR_P (0) | DIR_P (1))
    || (parent
        && !(S_ISREG (cmp.file[0].stat.st_mode)
        || S_ISLNK (cmp.file[0].stat.st_mode))
        && (S_ISREG (cmp.file[1].stat.st_mode)
        || S_ISLNK (cmp.file[1].stat.st_mode))))
{
    if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
    {
        /* We have a subdirectory that exists only in one directory. */

        if ((DIR_P (0) | DIR_P (1))
            || (parent
                && !((S_ISREG (cmp.file[0].stat.st_mode)
                || S_ISLNK (cmp.file[0].stat.st_mode))
                && (S_ISREG (cmp.file[1].stat.st_mode)
                || S_ISLNK (cmp.file[1].stat.st_mode))))))
        { /* This line is unreachable. */

            /* This line is unreachable. */
        }
    }
}
&& recursive
&& (new_file
|| (unidirectional_new_file
   && cmp.file[0].desc == NONEXISTENT)))
status = diff_dirs (&cmp, compare_files);
else
{
    char const *dir;

    /* PARENT must be non-NULL here. */
    assert (parent);
    dir = parent->file[cmp.file[0].desc == NONEXISTENT].name;

    /* See POSIX 1003.1-2001 for this format. */
    message("Only in %s: %s
", dir, name0);

    status = EXIT_FAILURE;
}
else
{
    /* We have two files that are not to be compared. */

    /* See POSIX 1003.1-2001 for this format. */
    message5("File %s is a %s while file %s is a %s
", 
        file_label[0] ? file_label[0] : cmp.file[0].name, 
        file_type(&cmp.file[0].stat), 
        file_type(&cmp.file[1].stat));

    /* This is a difference. */
    status = EXIT_FAILURE;
}
else if (S_ISLNK(cmp.file[0].stat.st_mode)
    && S_ISLNK(cmp.file[1].stat.st_mode))
{
    /* We get here only if we use lstat(), not stat(). */
    assert(no_dereference_symlinks);

    if (S_ISLNK(cmp.file[0].stat.st_mode)
        && S_ISLNK(cmp.file[1].stat.st_mode))
    {
        /* Compare the values of the symbolic links. */
        char *link_value[2] = { NULL, NULL };

        for (f = 0; f < 2; f++)
        {
link_value[f] = xreadlink (cmp.file[f].name);
if (link_value[f] == NULL)
{
    perror_with_name (cmp.file[f].name);
    status = EXIT_TROUBLE;
    break;
}
if (status == EXIT_SUCCESS)
{
    if ( ! STREQ (link_value[0], link_value[1]))
    {
        message ("Symbolic links %s and %s differ\n", 
            cmp.file[0].name, cmp.file[1].name);
        /* This is a difference. */
        status = EXIT_FAILURE;
    }
    for (f = 0; f < 2; f++)
        free (link_value[f]);
}
else
{
    /* We have two files that are not to be compared, because 
     * one of them is a symbolic link and the other one is not. */
    message5 ("File %s is a %s while file %s is a %s\n", 
        file_label[0] ? file_label[0] : cmp.file[0].name, 
        file_type (&cmp.file[0].stat), 
        file_type (&cmp.file[1].stat));
    /* This is a difference. */
    status = EXIT_FAILURE;
}
else if (files_can_be_treated_as_binary 
    && S_ISREG (cmp.file[0].stat.st_mode) 
    && S_ISREG (cmp.file[1].stat.st_mode) 
    && cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
    {
        message ("Files %s and %s differ\n", 
            file_label[0] ? file_label[0] : cmp.file[0].name, 
        status = EXIT_FAILURE;
    }
else
/* Both exist and neither is a directory. */

/* Open the files and record their descriptors. */

int oflags = O_RDONLY | (binary ? O_BINARY : 0);

if (cmp.file[0].desc == UNOPENED)
if ((cmp.file[0].desc = open (cmp.file[0].name, oflags, 0)) < 0)
{
    perror_with_name (cmp.file[0].name);
    status = EXIT_TROUBLE;
}
if (cmp.file[1].desc == UNOPENED)
{
    if (same_files)
        cmp.file[1].desc = cmp.file[0].desc;
    else if ((cmp.file[1].desc = open (cmp.file[1].name, oflags, 0)) < 0)
    {
        perror_with_name (cmp.file[1].name);
        status = EXIT_TROUBLE;
    }
}

/* Compare the files, if no error was found. */

if (status == EXIT_SUCCESS)
    status = diff_2_files (&cmp);

/* Close the file descriptors. */

if (0 <= cmp.file[0].desc && close (cmp.file[0].desc) != 0)
{
    perror_with_name (cmp.file[0].name);
    status = EXIT_TROUBLE;
}
if (0 <= cmp.file[1].desc && cmp.file[0].desc != cmp.file[1].desc
    && close (cmp.file[1].desc) != 0)
{
    perror_with_name (cmp.file[1].name);
    status = EXIT_TROUBLE;
}

/* Now the comparison has been done, if no error prevented it,
and STATUS is the value this function will return. */

if (status == EXIT_SUCCESS)
{
}
if (report_identical_files && !DIR_P (0))
message ('Files %s and %s are identical',
file_label[0] ? file_label[0] : cmp.file[0].name,
}
else
{
    /* Flush stdout so that the user sees differences immediately.
       This can hurt performance, unfortunately. */
    if (fflush (stdout) != 0)
        pfatal_with_name (\"standard output\"));
}

free (free0);
free (free1);

return status;

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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
and the initial implementation of incremental propagation, including
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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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  jar/org/antlr/v4/runtime/-atn/LexerActionExecutor.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ATNDeserializationOptions.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ATNSimulator.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ATNType.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ATNDeserializer.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ANterIndexedCustomAction.java
Found in path(s):
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/InterpreterRuleContext.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/tree/pattern/Chunk.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/tree/pattern/TextChunk.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/tree/pattern/RuleTagToken.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/tree/pattern/ParseTreeMatch.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/tree/pattern/ParseTreePatternMatcher.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/pattern/ParseTreePatternMatcher.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-jar/org/antlr/v4/runtime/tree/pattern/TagChunk.java

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  jar/org/antlr/v4/runtime/FailedPredicateException.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/atn/LoopEndState.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/Token.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/UnbufferedCharStream.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/atn/SingletonPredictionContext.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/atn/BlockEndState.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/misc/IntervalSet.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ActionTransition.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/atn/LexerATNSimulator.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ANTLRErrorListener.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/BaseErrorListener.java
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  jar/org/antlr/v4/runtimeRuleContext.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/CommonToken.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/ATNState.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/RuleStartState.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/RuleStopState.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/InputMismatchException.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/BufferedTokenStream.java
* /opt/cola/permits/1108987538_1606240583.52/0/antlr4-runtime-4-5-1-1-sources-1-
  jar/org/antlr/v4/runtime/misc/Array2DHashSet.java
1.1637 e2fsprogs 1.43.4-2

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
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+ trivial database library - standalone version

- trivial database library - private includes
-
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This is the Debian GNU/Linux prepackaged version of the EXT2 file
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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>.

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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.

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Theodore Ts'o
23-June-2007

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1.1643 t-digest 3.2

1.1643.1 Available under license:

No license file was found, but licenses were detected in source scan.

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 */

Found in path(s):
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/FloatHistogram.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/AVLGroupTree.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/Simple64.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/AbstractTDigest.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/Centroid.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/IntAVLTree.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/MergingDigest.java
* /opt/cola/permits/1108987189_1606239558.41/0/t-digest-3-2-sources-2-jar/com/tdunning/math/stats/Sort.java

1.1644 bzip2-libs 1.0.6 13.el7
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010
1.1645 libdrmintels 2.4.97-1
1.1645.1 Available under license:

No license file was found, but licenses were detected in source scan.

--- libdrm-2.4.97.orig/README.rst
+++ libdrm-2.4.97/README.rst
@@ -0,0 +1,61 @@
+libdrm - userspace library for drm
+-------------------------------
+
+This is libdrm, a userspace library for accessing the DRM, direct rendering
+manager, on Linux, BSD and other operating systems that support the ioctl
+interface.
+The library provides wrapper functions for the ioctls to avoid exposing the
+kernel interface directly, and for chipsets with drm memory manager, support
+for tracking relocations and buffers.
+New functionality in the kernel DRM drivers typically requires a new libdrm,
+but a new libdrm will always work with an older kernel.
+
+libdrm is a low-level library, typically used by graphics drivers such as
+the Mesa drivers, the X drivers, libva and similar projects.
+
+Compiling
+-
+
+libdrm has two build systems, a legacy autotools build system, and a newer
+meson build system. The meson build system is much faster, and offers a
+slightly different interface, but otherwise provides an equivalent feature set.
+
+To use it:
+
+meson builddir/
+
+By default this will install into /usr/local, you can change your prefix
+with --prefix=/usr (or `meson configure builddir/ -Dprefix=/usr` after
+the initial meson setup).
+
+Then use ninja to build and install:
+
+ninja -C builddir/ install
+
+If you are installing into a system location you will need to run install
+separately, and as root.
+
+
Alternatively you can invoke autotools configure:
+ ./configure
  
  By default, libdrm will install into the /usr/local/ prefix. If you
  want to install this DRM to replace your system copy, pass
  --prefix=/usr and --exec-prefix=/ to configure. If you are building
  libdrm from a git checkout, you first need to run the autogen.sh
  script. You can pass any options to autogen.sh that you would other
  wise pass to configure, or you can just re-run configure with the
  options you need once autogen.sh finishes.
  
  Next step is to build libdrm:
  + make
  
    and once make finishes successfully, install the package using
    + make install
    
    If you are installing into a system location, you will need to be root
    to perform the install step.
  
Quick Guide To Patching This Package For The Impatient
  
  1. Make sure you have quilt installed
  2. Unpack the package as usual with "dpkg-source -x"
  3. Run the "patch" target in debian/rules
  4. Create a new patch with "quilt new" (see quilt(1))
  5. Edit all the files you want to include in the patch with "quilt edit"
    + (see quilt(1)).
  6. Write the patch with "quilt refresh" (see quilt(1))
  7. Run the "clean" target in debian/rules
  
    Alternatively, instead of using quilt directly, you can drop the patch in to
    debian/patches and add the name of the patch to debian/patches/series.
  
    While building from git, dpkg-source can complain about symlinks vs.
    normal files mismatches. To work around this issue, before uploading,
    and without committing:
    + find -type l | while read dest; do src=$(readlink -f $dest); rm $dest; cp $src $dest; done
    +

--- libdrm-2.4.97.orig/debian/README.source
+++ libdrm-2.4.97/debian/README.source
@@ -0,0 +1,55 @@
+------------------------------------------------------
+Quick Guide To Patching This Package For The Impatient
+------------------------------------------------------
+
+1. Make sure you have quilt installed
+2. Unpack the package as usual with "dpkg-source -x"
+3. Run the "patch" target in debian/rules
+4. Create a new patch with "quilt new" (see quilt(1))
+5. Edit all the files you want to include in the patch with "quilt edit"
  + (see quilt(1)).
+6. Write the patch with "quilt refresh" (see quilt(1))
+7. Run the "clean" target in debian/rules
+
+Alternatively, instead of using quilt directly, you can drop the patch in to
+debian/patches and add the name of the patch to debian/patches/series.
+
+While building from git, dpkg-source can complain about symlinks vs.
+normal files mismatches. To work around this issue, before uploading,
+and without committing:
+
+ find -type l | while read dest; do src=$(readlink -f $dest); rm $dest; cp $src $dest; done
+
+------------------------------------------------------
The X Strike Force team maintains X packages in git repositories on git.debian.org in the pkg-xorg subdirectory. Most upstream packages are actually maintained in git repositories as well, so they often just need to be pulled into git.debian.org in a "upstream-*" branch. Otherwise, the upstream sources are manually installed in the Debian git repository.

The .orig.tar.gz upstream source file could be generated using this "upstream-*" branch in the Debian git repository but it is actually copied from upstream tarballs directly.

Due to X.org being highly modular, packaging all X.org applications as their own independent packages would have created too many Debian packages. For this reason, some X.org applications have been grouped into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils, x11-utils, x11-xfs-utils, x11-xkb-utils, x11-xserver-utils. Most packages, including the X.org server itself and all libraries and drivers are, however maintained independently.

The Debian packaging is added by creating the "debian-*" git branch which contains the aforementioned "upstream-*" branch plus the debian/repository files. When a patch has to be applied to the Debian package, two solutions are involved:
* If the patch is available in one of the upstream branches, it may be git'cherry-picked into the Debian repository. In this case, it appears directly in the .diff.gz.
* Otherwise, the patch is added to debian/patches/ which is managed with quilt as documented in /usr/share/doc/quilt/README.source.
+libdrm (2.4.95-1) unstable; urgency=medium
+
+  [ Timo Aaltonen ]
+  * rules, control: Switch to meson.
+
+  [ Andreas Boll ]
+  * New upstream release.
+  * Fixes WebGL on Firefox (Closes: #907698).
+  * Update libdrm-amdgpu1.symbols and shlibs.
+  * Drop static libdrm library from libdrm-dev.
+  * Update extend-diff-ignore.
+
+  -- Andreas Boll <aboll@debian.org> Wed, 10 Oct 2018 11:50:36 +0200
+
+libdrm (2.4.94-1) unstable; urgency=medium
+
+  [ Guido Gnther ]
+  * Enable etnaviv on arm64 (Closes: #906915)
+
+  [ Timo Aaltonen ]
+  * New upstream release. (LP: #1789924)
+  * Update libdrm-amdgpu1.symbols and shlibs.
+
+  -- Timo Aaltonen <tjaalton@debian.org> Thu, 30 Aug 2018 21:18:04 +0300
+
+libdrm (2.4.93-1) unstable; urgency=medium
+
+  * New upstream release.
+  * Update libdrm-freedreno1.symbols and shlibs.
+
+  -- Andreas Boll <aboll@debian.org> Mon, 13 Aug 2018 20:20:28 +0200
+
+libdrm (2.4.92-1) unstable; urgency=medium
+
+  * New upstream release.
+  * Update libdrm-freedreno1.symbols and shlibs.
+  * control: Update to my Debian address.
+  * Update Vcs-* URLs to point at salsa.debian.org.
+  * Bump debhelper compat to 11.
+  * Bump standards version to 4.1.4.
+
+  -- Andreas Boll <aboll@debian.org> Fri, 18 May 2018 14:32:46 +0200
+
+libdrm (2.4.91-2) unstable; urgency=medium
+
+  * Update libdrm-freedreno1.symbols and shlibs (Closes: #892960).
+
+  -- Sven Joachim <svenjoac@gmx.de> Wed, 14 Mar 2018 22:23:03 +0100
libdrm (2.4.91-1) unstable; urgency=medium

* New upstream release.

-- Timo Aaltonen <tjaalton@debian.org>  Wed, 14 Mar 2018 09:02:58 +0200

libdrm (2.4.90-1) unstable; urgency=medium

* New upstream release.
* Update libdrm-amdgpu1.symbols and shlibs.
* Bump standards version to 4.1.3.
* Update extend-diff-ignore.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 20 Feb 2018 10:43:56 +0100

libdrm (2.4.89-1) unstable; urgency=medium

* New upstream release.
* Update libdrm2.symbols and shlibs.
* Update libdrm-amdgpu1.symbols and shlibs.
* Update libdrm-etnaviv1.symbols and shlibs.
* Update libdrm-freedreno1.symbols and shlibs.
* Bump standards version to 4.1.2.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Mon, 18 Dec 2017 17:47:40 +0100

libdrm (2.4.88-1) unstable; urgency=medium

* New upstream release.
* Update libdrm-amdgpu1.symbols and shlibs.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 14 Nov 2017 10:10:19 +0100

libdrm (2.4.85-1) unstable; urgency=medium

* New upstream release.
* Update libdrm-amdgpu1.symbols and shlibs.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Mon, 30 Oct 2017 14:01:40 +0100

libdrm (2.4.84-2) unstable; urgency=medium

* libdrm-amdgpu1.symbols: Updated.

-- Timo Aaltonen <tjaalton@debian.org>  Fri, 13 Oct 2017 10:42:37 +0300


+libdrm (2.4.84-1) unstable; urgency=medium
+
+ * New upstream release.
+ * libdrm2.symbols: Updated.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Fri, 13 Oct 2017 09:10:17 +0300
+
+libdrm (2.4.83-1) unstable; urgency=medium
+
+ * New upstream release.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Tue, 03 Oct 2017 11:15:26 +0300
+
+libdrm (2.4.82-1) unstable; urgency=medium
+
+ * New upstream release.
+ * debian/upstream/signing-key.asc: add key from Lucas Stach.
+ * Add libdrm-common package for new data files.
+ * debian/*.symbols: add new symbols.
+ * debian/rules: Bump shlibs for the libraries with new symbols.
+ * debian/control: Bump Standards-Version to 4.0.0; no changes needed.
+
+ -- Emilio Pozuelo Monfort <pochu@debian.org>  Fri, 28 Jul 2017 22:40:20 +0200
+
+libdrm (2.4.81-2) unstable; urgency=medium
+
+ * Upload to unstable.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Fri, 23 Jun 2017 11:57:14 +0200
+
+libdrm (2.4.81-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Bump libdrm2's and libdrm-amdgpu1's symbols and shlibs.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Fri, 09 Jun 2017 10:41:36 +0200
+
+libdrm (2.4.80-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Bump libdrm-amdgpu1's and libdrm-etnaviv1's symbols and shlibs.
+ * Remove libpthread-stubs0-dev build-dep per configure.ac.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Wed, 19 Apr 2017 15:35:21 +0200
+
+libdrm (2.4.77-1) experimental; urgency=medium
+
+ * Team upload.
+ * New upstream release.
+ * Bump libdrm-amdgpu1 symbols.
+ * Update debian/upstream/signing-key.asc
+
+ -- Jordan Justen <jordan.l.justen@intel.com>  Wed, 05 Apr 2017 02:30:35 -0700
+
+libdrm (2.4.76-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Update extend-diff-ignore.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 30 Mar 2017 10:41:10 +0200
+
+libdrm (2.4.75-2) experimental; urgency=medium
+
+ * Cherry-pick 19c4cfc (intel: Add handle to hashtable before freeing
+ along an error path) from upstream (LP: #1671377).
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 21 Mar 2017 18:29:17 +0100
+
+libdrm (2.4.75-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Update extend-diff-ignore.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Wed, 01 Feb 2017 17:08:17 +0100
+
+libdrm (2.4.74-2) experimental; urgency=medium
+
+ [ Andreas Boll ]
+ * Switch to dbgsym packages.
+ * Enable building etnaviv on armhf (Closes: #852685).
+
+ [ Emilio Pozuelo Monfort ]
+ * Stop passing --disable-silent-rules to configure, debhelper does it now.
+ * Don't override dh_auto_install, it defaults to debian/tmp.
+
+ -- Emilio Pozuelo Monfort <pochu@debian.org>  Fri, 27 Jan 2017 17:54:01 +0100
+
+libdrm (2.4.74-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Update debian/upstream/signing-key.asc.
+ * Bump libdrm2's, libdrm-freedreno1's and libdrm-intel1's symbols and
+ shlibs.
+ * Bump debhelper compat to 10.
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 29 Nov 2016 19:01:04 +0100
+
+libdrm (2.4.73-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Bump libdrm2’s, libdrm-amdgpu1’s, libdrm-freedreno1’s and libdrm-
+    intel1’s symbols and shlibs.
+ * Update a bunch of URLs in packaging to https.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 15 Nov 2016 15:43:02 +0100
+
+libdrm (2.4.71-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Update symbols file and bump shlibs for libdrm2.
+ * Update libdrm-intel1.symbols and shlibs.
+ * Remove Hurd from the architecture list. It FTBFS, haven’t built in
+ the past and won’t be useful without the equivalent of the Linux
+ Direct Rendering Manager (DRM) subsystem.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 06 Oct 2016 10:31:27 +0200
+
+libdrm (2.4.70-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Update libdrm-freedreno1.symbols and shlibs.
+ * source/local-options: Add more files to extend-diff-ignore option.
+ * Fixes 17 patch-system-but-direct-changes-in-diff lintian warnings.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Mon, 25 Jul 2016 12:32:20 +0200
+
+libdrm (2.4.69-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Update debian/upstream/signing-key.asc.
+ * Bump Standards-Version to 3.9.8, no changes needed.
+ * Update watch url to use https instead of http.
+
+ [ Julien Cristau ]
+ * Build libdrm-tegra on arm64 (closes: #828023). Thanks, Martin Michlmayr!
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 21 Jul 2016 10:25:17 +0200
+
+libdrm (2.4.68-1) unstable; urgency=medium
+
+ * New upstream release. (LP: #1577735)
libdrm (2.4.67-1) unstable; urgency=medium

* New upstream release.
* patches: Refreshed.
* libdrm-amdgpu1.symbols: Updated.

-- Timo Aaltonen <tjaalton@debian.org>  Tue, 03 May 2016 14:30:06 +0300

libdrm (2.4.66-2) unstable; urgency=medium

* Update libdrm-exynos1.symbols and shlibs.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Fri, 15 Jan 2016 12:14:16 +0200

libdrm (2.4.66-1) unstable; urgency=medium

* New upstream release.

-- Andreas Boll <andreas.boll.dev@gmail.com>  Fri, 15 Jan 2016 12:08:05 +0100

libdrm (2.4.66-1) unstable; urgency=medium

* Update symbols file and bump shlibs for libdrm2.
* Update libdrm-intel1.symbols and shlibs.
* Update libdrm-nouveau2.symbols and shlibs.
* Drop obsolete Replaces from pre-wheezy.
* Add myself to Uploaders.

-- Timo Aaltonen <tjaalton@debian.org>  Mon, 26 Oct 2015 23:15:56 +0200

libdrm (2.4.65-3) unstable; urgency=medium

* rules: Bump freedreno shlib back to 2.4.65.

-- Timo Aaltonen <tjaalton@debian.org>  Mon, 26 Oct 2015 23:15:56 +0200

libdrm (2.4.65-2) unstable; urgency=medium

* Update libdrm-freedreno1.symbols and shlibs.
* Drop Debian revision from new symbols in libdrm2.symbols.

-- Andreas Boll

* Enable freedreno build on arm64 architecture.

-- Timo Aaltonen <tjaalton@debian.org>  Mon, 26 Oct 2015 21:40:43 +0200

libdrm (2.4.65-1) unstable; urgency=medium

* [ Andreas Boll ]

* Update libdrm-freedreno1.symbols and shlibs.
* Drop Debian revision from new symbols in libdrm2.symbols.

* [ Fathi Boudra ]

* Enable freedreno build on arm64 architecture.
+ * New upstream release.
+ * Update debian/upstream/signing-key.asc.
+ * Update symbols file and bump shlibs for libdrm2.
+ * Enable libdrm-amdgpu1 on kfreebsd-*.
+ * Fix Vcs-* fields.
+ * Add upstream url.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Mon, 26 Oct 2015 10:22:57 +0200
+
+libdrm (2.4.64-1) unstable; urgency=medium
+
+ [ Robert Hooker ]
+ * New upstream release.
+ * Bump symbols file and shlibs for libdrm-freedreno1.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Wed, 19 Aug 2015 07:52:50 +0300
+
+libdrm (2.4.63-1) unstable; urgency=medium
+
+ [ Robert Hooker ]
+ * New upstream release.
+ - Drop Fix-headers-inclusion-in-xf86drmMode.c.diff, upstream.
+ * Add new libdrm-amdgpu1 package.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Sat, 15 Aug 2015 18:55:57 +0300
+
+libdrm (2.4.62-1) unstable; urgency=medium
+
+ [ Sven Joachim ]
+ * New upstream release.
+ - nouveau: restore check that avoids multiple user bos per kernel bo
+   (Closes: #789759).
+ * Update symbols file and bump shlibs for libdrm2.
+ * Refresh the patch from 2.4.60-3 after upstream changes.
+ * Remove duplicate Section fields from debian/control.
+ * Update debian/upstream/signing-key.asc.
+ * Bump Standards-Version to 3.9.6, no changes needed.
+
+ [ Julien Cristau ]
+ * Update debian/upstream/signing-key.asc.
+ * Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
+   <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
+   Thorsten Glaser.
+ * Add build-dep on xutils-dev for xorg-macros.
+ * Cherry-pick upstream patch to let valgrind auto-detection work.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 02 Jul 2015 21:11:21 +0200
+
+libdrm (2.4.60-3) unstable; urgency=medium
+
+  [ Timo Aaltonen ]
+  * control: Add a typo in libdrm-tegra0 description.
+
+  [ Julien Cristau ]
+  * Fix FTBFS on kfreebsd: include <sys/sysctl.h> for sysctlbyname, and use
  -lbsd to make the tests build (they use getopt, and our libbsd-overlay
  cflags redirect that to bsd_getopt).
+  * Bump shlibs for libraries with new symbols.
+  * Add missing dependency of libdrm-dev on libdrm-tegra0 on arm*.
+  * Let uscan verify tarball signatures.
+
+-- Julien Cristau <jcristau@debian.org>  Sun, 26 Apr 2015 12:21:30 +0200
+
+libdrm (2.4.60-2) experimental; urgency=medium
+
+  [ Maarten Lankhorst ]
+  * Fix ftbfs on armhf.
+
+-- Timo Aaltonen <tjaalton@debian.org>  Wed, 08 Apr 2015 09:21:00 +0300
+
+libdrm (2.4.60-1) experimental; urgency=medium
+
+  * New upstream release.
+  * libdrm-intel1.symbols, libdrm2.symbols: Updated.
+
+-- Timo Aaltonen <tjaalton@debian.org>  Fri, 20 Mar 2015 09:07:11 +0200
+
+libdrm (2.4.59-1) experimental; urgency=medium
+
+  * New upstream release.
+  * Add libdrm-tegra0 on arm.
+
+-- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Wed, 21 Jan 2015 13:24:22 +0100
+
+libdrm (2.4.58-2) unstable; urgency=medium
+
+  [ Andreas Boll ]
+  * Update libdrm-freedreno1.symbols and shlibs (fixes FTBFS).
+
+-- Julien Cristau <jcristau@debian.org>  Sun, 05 Oct 2014 19:00:32 +0200
+
+libdrm (2.4.58-1) unstable; urgency=medium
+
+  [ Andreas Boll ]
+  * New upstream release.
+  - 03_hide_symbols.diff dropped, upstream.
+ * Update libdrm-intel1.symbols and shlibs.

+ -- Julien Cristau <jcristau@debian.org>  Sun, 05 Oct 2014 15:53:13 +0200
+ 
+libdrm (2.4.56-1) unstable; urgency=medium
+ 
+ * New upstream release.
+ * Enable building freedreno and exynos on arm. (Closes: #741509)
+ * Add a squashed patch from upstream to hide all private symbols.
+ - 03_hide_symbols.diff
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Wed, 06 Aug 2014 12:15:26 +0200
+ 
+libdrm (2.4.54-1) unstable; urgency=medium
+ 
+ [ Andreas Boll ]
+ * New upstream release.
+ * Add 02_fix_qxl_drm_h.diff (Closes: #746807).
+
+ -- Julien Cristau <jcristau@debian.org>  Sat, 10 May 2014 15:38:16 +0200
+ 
+libdrm (2.4.53-1) unstable; urgency=medium
+ 
+ [ Timo Aaltonen ]
+ * New upstream release.
+ - 02_kbsd_modeset.diff dropped, upstream
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Sun, 27 Apr 2014 22:15:55 +0200
+ 
+libdrm (2.4.52-1) unstable; urgency=medium
+ 
+ [ Julien Cristau ]
+ * Remove Cyril Brulebois from Upaders.
+
+ [ Maarten Lankhorst ]
+ * New upstream release.
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Fri, 24 Jan 2014 13:41:57 +0100
+ 
+libdrm (2.4.51-1) unstable; urgency=medium
+ 
+ * New upstream release.
+
+ -- Julien Cristau <jcristau@debian.org>  Mon, 20 Jan 2014 13:45:50 +0100
+ 
+libdrm (2.4.50-1) unstable; urgency=low
+ 
+ * New upstream release.
libdrm (2.4.49-2) unstable; urgency=low

* Cherry-pick a commit from upstream to fix a radeonsi regression.
  - c8a437f4c76: radeon: Update unaligned offset for 2D->1D tiling transition on SI

libdrm (2.4.49-1) unstable; urgency=low

* New upstream release.

libdrm (2.4.46-4) unstable; urgency=low

* Declare libdrm-dev Multi-Arch: same.

libdrm (2.4.46-3) unstable; urgency=low

* Make drmCheckModesettingSupported work on FreeBSD. Thanks, Christoph Egger!
* Stop building libkms.

libdrm (2.4.46-2) unstable; urgency=low

* Build libdrm-radeon1 on kfreebsd (closes: #684593).

libdrm (2.4.46-1) unstable; urgency=low

* Bump libdrm2's and libdrm-intel1's symbols and shlibs.
* Build libdrm-intel1 on x32 (Closes: #712515).
* Disable silent rules.

* -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com> Mon, 05 Aug 2013 13:44:46 +0200

* Team upload.

* debian/patches/03_build_against_librt.diff:
  + Removed, no longer needed with our current glibc version.
  + Thanks to Julien Cristau for pointing it out.

* Upload to unstable.

* -- Emilio Pozuelo Monfort <pochu@debian.org> Thu, 06 Jun 2013 23:13:12 +0200

* libdrm (2.4.45-2) experimental; urgency=low

  * [ Sven Joachim ]
  * Only build-depend on valgrind on architectures where valgrind is actually available.

* -- Julien Cristau <jcristau@debian.org> Thu, 30 May 2013 10:03:37 +0200

* libdrm (2.4.45-1) experimental; urgency=low

  * [ Maarten Lankhorst ]
  * New upstream release.
  * Build-depend on xsltproc and docbook-xsl.
  * Add valgrind to build-depends.

  * [ Timo Aaltonen ]
  * control: Bump policy to 3.9.4, no changes.

* -- Emilio Pozuelo Monfort <pochu@debian.org> Thu, 16 May 2013 00:09:59 +0200

* libdrm (2.4.40-1) experimental; urgency=low

  * [ Maarten Lankhorst ]
  * New upstream release.
  * - Nouveau ABI change, replace libdrm-nouveau1a with libdrm-nouveau2.
* Bump libdrm-intel1's and libdrm-nouveau2's shlibs due to new symbols.
* Hardcode the version for libdrm-omap1's shlibs.

[ Christopher James Halse Rogers ]
* Add libdrm2-udeb; Xserver 1.13 wants libdrm for hotplug config, so
  will be needed for the 1.13 xserver-xorg-core-udeb.

[ Sven Joachim ]
* Bump libdrm-radeon1's symbols and shlibs.
* Mark some internal libdrm-nouveau2 symbols as private.
* Drop patch 02_build_libkms_against_in_tree_drm.diff, applied upstream.

-- Julien Cristau <jcristau@debian.org>  Sat, 17 Nov 2012 18:50:33 +0100
+libdrm (2.4.33-3) unstable; urgency=low

+ * Add missing dependency on libdrm-omap1 to libdrm-dev (thanks, Robert
  Hooker!). Make some arm matching a bit simpler.

-- Julien Cristau <jcristau@debian.org>  Thu, 21 Jun 2012 23:22:22 +0200
+libdrm (2.4.33-2) unstable; urgency=low

+ [ Sebastian Reichel ]
+ * Build libdrm_omap (closes: #667572).

-- Julien Cristau <jcristau@debian.org>  Thu, 21 Jun 2012 22:39:22 +0200
+libdrm (2.4.33-1) unstable; urgency=low

+ * New upstream release.

-- Cyril Brulebois <kibi@debian.org>  Mon, 02 Apr 2012 01:28:22 +0000
+libdrm (2.4.32-1) unstable; urgency=low

+ [ Robert Hooker ]
+ * New upstream release (2.4.31).
+ * Bump libdrm2 and libdrm-radeon1 symbols and shlibs to account for
  recent changes.

+ [ Cyril Brulebois ]
+ * New upstream release (2.4.32).
+ * Bump libdrm-intel1's symbols and shlibs accordingly.

-- Cyril Brulebois <kibi@debian.org>  Mon, 19 Mar 2012 19:56:12 +0000
+ libdrm (2.4.30-1) unstable; urgency=low
+
+ * New upstream release.
+ * Bump libdrm2's and libdrm-intel1's symbols and shlibs accordingly.
+ * Document the symlink dance when building from git in README.source.
+
+ -- Cyril Brulebois <kibi@debian.org> Fri, 06 Jan 2012 20:04:37 +0100
+
+ libdrm (2.4.29-1) unstable; urgency=low
+
+ * New upstream release:
+  * - assert()s are now gone (Closes: #651316).
+  * Update libdrm-intel1's symbols and shlibs accordingly.
+
+ -- Cyril Brulebois <kibi@debian.org> Tue, 13 Dec 2011 13:16:22 +0100
+
+ libdrm (2.4.28-1) unstable; urgency=low
+
+ * New upstream release.
+
+ -- Cyril Brulebois <kibi@debian.org> Tue, 06 Dec 2011 15:17:50 +0100
+
+ libdrm (2.4.27-1) unstable; urgency=low
+
+ * New upstream release:
+  * - Push the new Intel API for use by mesa.
+  * - Usual bug fixes.
+  * Update libdrm-intel1's symbols and shlibs accordingly.
+
+ -- Cyril Brulebois <kibi@debian.org> Tue, 01 Nov 2011 19:30:54 +0100
+
+ libdrm (2.4.26-1) unstable; urgency=low
+
+ * New upstream release:
+  * - Fix two important intel bugs.
+  * Add libpciaccess-dev build-dep.
+  * Update libdrm-intel1.symbols and shlibs for new aperture-related symbol.
+
+ -- Cyril Brulebois <kibi@debian.org> Fri, 24 Jun 2011 17:07:04 +0200
+
+ libdrm (2.4.25-3) unstable; urgency=low
+
+ * Team upload.
+
+ [ Steve Langasek ]
+ * Build for multiarch.
+
+ [ Julien Cristau ]
+ * Add lintian overrides for symbols-declares-dependency-on-other-package (we
+   use that for private symbols).
+ * Bump Standards-Version to 3.9.2.
+ 
+ -- Julien Cristau <jcristau@debian.org> Thu, 09 Jun 2011 20:05:53 +0200
+ 
+ +libdrm (2.4.25-2) unstable; urgency=low
+ 
+ + * Upload to unstable.
+ 
+ -- Cyril Brulebois <kibi@debian.org> Mon, 16 May 2011 19:14:49 +0200
+ 
+ +libdrm (2.4.25-1) experimental; urgency=low
+ 
+ + * New upstream release.
+ + * Update libdrm2.symbols and shlibs.
+ + * Update libkms1.symbols, marking dumb_create@Base as private.
+ + * Switch to dh:
+ +   - Bump compat/build-dep to 8.
+ +   - Use dh-autoreconf.
+ +   - Tidy old build-deps.
+ +   - Testsuite now automatically gets run.
+ + * Accordingly, add a build-dep to fix FTBFS during make check:
+ +   - 03_build_against_librt.diff
+ + * Add libudev-dev build-dep on Linux so that detection works.
+ + * Since the testsuite just got enabled, let's not bail out if it fails.
+ + * Remove xsfbs as it's no longer needed.
+ + * Bump Standards-Version (no changes needed).
+ 
+ -- Cyril Brulebois <kibi@debian.org> Tue, 19 Apr 2011 02:57:29 +0200
+ 
+ +libdrm (2.4.24-2) unstable; urgency=low
+ 
+ + * Upload to unstable.
+ 
+ -- Cyril Brulebois <kibi@debian.org> Sun, 10 Apr 2011 22:57:02 +0200
+ 
+ +libdrm (2.4.24-1) experimental; urgency=low
+ 
+ [ Christopher James Halse Rogers ]
+ + * New upstream release.
+ + * Add new internal radeon symbols to libkms1.symbols
+ +
+ [ Cyril Brulebois ]
+ + * Just as a reminder, not adding a lintian override for the following
+   warning, since patches were sent upstream to stop exporting private
+   symbols: symbols-declares-dependency-on-other-package
+ -- Cyril Brulebois <kibi@debian.org> Sat, 05 Mar 2011 20:27:23 +0100
+ libdrm (2.4.23-3) unstable; urgency=low
+ * Cherry-pick from upstream:
+   - intel: Fallback to old exec if no mrb_exec is available
+   - intel: Set the public handle after opening by name
+   - intel: Remember named bo
+   * The first of those fixes should fix some failures to submit batch
+   buffer (Closes: #612766).
+   * Bump dependency to 2.4.23-3 for the drm_intel_bo_mrb_exec symbol in
+     libdrm-intel1's symbols file. While the former version is alright
+     from a shared object point of view, runtime doesn't seem to agree
+     (Closes: #609299).
+   * Bump the libdrm-intel1 shlibs version for consistency.
+ + -- Cyril Brulebois <kibi@debian.org> Wed, 16 Feb 2011 11:44:44 +0100
+ libdrm (2.4.23-2) unstable; urgency=low
+ * Upload to unstable.
+ * Update Uploaders list. Thanks, David & Brice!
+ + -- Cyril Brulebois <kibi@debian.org> Sat, 05 Feb 2011 11:26:44 +0100
+ libdrm (2.4.23-1) experimental; urgency=low
+ [ Sven Joachim ]
+ * New upstream release.
+ * Rename the libdrm-nouveau1 package to libdrm-nouveau1a, since upstream
+   broke the ABI without changing the soname.
+ * Make libdrm-nouveau1a{,-dbg} conflict with libdrm-nouveau1{,-dbg} and
+   remove the Breaks against xserver-xorg-video-nouveau.
+ * Adjust the lintian override.
+ * Bump libdrm-nouveau shlibs and symbols versions to 2.4.23.
+ * Use dh_prep instead of the deprecated dh_clean -k in debian/rules.
+ + -- Julien Cristau <jcristau@debian.org> Thu, 23 Dec 2010 17:56:54 +0100
+ libdrm (2.4.22-2) experimental; urgency=low
+ * Cherry-pick some commits from upstream to make the intel video driver
+ 2.13.901 buildable:
+ * 057fab33: intel: Prepare for BLT ring split
+ * 36245771: intel: enable relaxed fence allocation for i915
+ * 49447a9b: intel: initialize bufmgr.bo_mrb_exec unconditionally

+ -- Cyril Brulebois <kibi@debian.org>  Sun, 07 Nov 2010 22:51:12 +0100
+ libdrm (2.4.22-1) experimental; urgency=low
+ [ Sven Joachim ]
+ * New upstream release.
+
+ -- Cyril Brulebois <kibi@debian.org>  Sat, 02 Oct 2010 00:41:05 +0200
+ libdrm (2.4.21-2) experimental; urgency=low
+ [ Sven Joachim ]
+ * Bump libdrm-nouveau shlibs and symbols versions to 2.4.21-1 to ensure
  that packages built against this version are not used with squeeze's
  libdrm-nouveau1.
+ * Add a lintian override for the symbols-file-contains-debian-revision
  warning. Bump debhelper compatibility level to 6 for dh_lintian.
+
+ -- Julien Cristau <jcristau@debian.org>  Wed, 25 Aug 2010 23:14:40 +0200
+ libdrm (2.4.21-1) experimental; urgency=low
+ [ Christopher James Halse Rogers ]
+ * debian/rules:
+  - Add libkms to build
+  - Build vmwgfx experimental API. The drm module is available in the 2.6.34
    kernel so we might as well build the userspace bits.
+ * debian/control:
+  - Add libkms1, libkms1-dbgsym packages on linux
+  * debian/patches/02_build_libkms_against_in_tree_drm:
+  - Link libkms against libdrm as it uses symbols from libdrm.
+
+ [ Robert Hooker ]
+ * New upstream release.
+ * Refresh 02_build_libkms_against_in_tree_drm.
+ * Update libdrm-intel1.symbols, libdrm-radeon1.symbols and shlibs.
+
+ [ Julien Cristau ]
+ * Update the copyright file to hopefully include all licenses variations and
  copyright statements from the source tree.
+ * Mark new libdrm_radeon symbols private. They shouldn't actually be
  exported.
+ * Same with libkms. Also don't set a minimum version to 2.4.20, since we
  didn't ship it before anyway.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 10 Jun 2010 23:24:54 +0200
+ libdrm (2.4.20-3) experimental; urgency=low
* Update libdrm-nouveau1 to the ABI of Linux 2.6.34.
  - Drop 03_revert_abi_change.diff.
  - Bump libdrm-nouveau shlibs and symbols versions to 2.4.20-3~
    to ensure that packages built against this version are not used
    with an older libdrm-nouveau1 version.
  - Add versioned Breaks against xserver-xorg-video-nouveau to force
    an upgrade of that package and prevent X segfaults.
  - Include full SONAME in libdrm-nouveau1.install.
* Update xsfbs to 81fc27178605b52e85c2d11635a0371fb44605e0.

-- Julien Cristau <jcristau@debian.org>  Wed, 26 May 2010 10:33:22 +0200

libdrm (2.4.20-2) experimental; urgency=low

-- Cyril Brulebois <kibi@debian.org>  Wed, 28 Apr 2010 01:54:44 +0200

libdrm (2.4.20-1) experimental; urgency=low

-- Brice Goglin <bgoglin@debian.org>  Fri, 16 Apr 2010 07:14:41 +0200

libdrm (2.4.18-5) unstable; urgency=low

-- Cyril Brulebois <kibi@debian.org>  Wed, 14 Apr 2010 13:02:34 +0200

libdrm (2.4.18-4) experimental; urgency=low

-- Brice Goglin <bgoglin@debian.org>  Wed, 24 Mar 2010 22:27:00 +0100

libdrm (2.4.18-3) unstable; urgency=low
* Include full SONAME in libdrm*.install to prevent accidental breakage.
* Add back the drm headers in libdrm-dev.

-- Julien Cristau <jcristau@debian.org>  Tue, 16 Mar 2010 12:28:50 +0100
+ libdrm (2.4.18-2) unstable; urgency=low

* Fix FTBFS on non-Linux architectures (Closes: #570851): Replace
  --{enable,disable}-radeon-experimental-api configure flag with
  --{enable,disable}-radeon since it got renamed.
* Add ${misc:Depends} where it was missing, and fold all Depends.
* Bump Standards-Version from 3.8.3 to 3.8.4 (no changes needed).
* Add myself to Uploaders.

-- Cyril Brulebois <kibi@debian.org>  Mon, 22 Feb 2010 15:31:47 +0100
+ libdrm (2.4.18-1) unstable; urgency=low

* New upstream release.

-- Brice Goglin <bgoglin@debian.org>  Thu, 18 Feb 2010 08:06:14 +0100
+ libdrm (2.4.17-1) unstable; urgency=low

[ Julien Cristau ]
* New upstream release, closes: #560434, #567831.
* Update patch 01_default_perms.diff to account for upstream move of libdrm
  to toplevel.
* Update libdrm2.symbols and shlibs.
* Update libdrm-intel1.symbols and shlibs.
* Bump debhelper build-dep, we use dh_strip --remaining-packages (closes:
  #558443). Thanks, Sergio Gelato!
* Enable libdrm_radeon, interface to kernel graphics memory management on
  radeon (closes: #558786).
* Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
  good reason. Thanks, Colin Watson!
* Remove myself from Uploaders

[ Brice Goglin ]
* Bump linux-libc-dev dependency to 2.6.32, thanks Piotr Engelking,
  closes: #561224.
* Add libdrm-radeon1 symbols and update shlibs.
* Update debian/copyright.

[ Timo Aaltonen ]
* Update libdrm2.symbols and shlibs.

-- Brice Goglin <bgoglin@debian.org>  Sun, 31 Jan 2010 20:12:38 +0100
+ libdrm (2.4.15-1) unstable; urgency=low
+
+ * New upstream release.
+ * Only build libdrm-intel on x86 (linux and kfreebsd).
+
+ -- Julien Cristau <jcristau@debian.org>  Mon, 23 Nov 2009 17:00:57 +0100
+
+ libdrm (2.4.14-1) unstable; urgency=low
+
+ * Parse space-separated DEB_BUILD_OPTIONS, and handle parallel=N.
+ * New upstream release.
+ * Bump Standards-Version to 3.8.3.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 24 Sep 2009 21:53:09 +0200
+
+ libdrm (2.4.13-1) unstable; urgency=low
+
+ [ Christopher James Halse Rogers ]
+ * debian/control:
+ * Remove scary 'built from DRM snapshot' warning from long description of
+ * libdrm-intel[1,-dbg]
+
+ [ Julien Cristau ]
+ * New upstream release.
+ * Update libdrm-intel1.symbols.
+
+ -- Julien Cristau <jcristau@debian.org>  Sat, 05 Sep 2009 13:15:36 +0200
+
+ libdrm (2.4.12-1) unstable; urgency=low
+
+ * New upstream release.
+
+ -- Brice Goglin <bgoglin@debian.org>  Tue, 21 Jul 2009 15:29:03 +0200
+
+ libdrm (2.4.11-1) unstable; urgency=low
+
+ * New upstream release.
+ * Also pull in additional fix for libdrm-intel: Only do BO caching up to
+ * 64MB objects.
+ * Update libdrm-intel1.symbols and bump shlibs.
+ * Remove Thierry Reding from Uploaders, he doesn't seem to be around anymore
+ *:
+
+ -- Julien Cristau <jcristau@debian.org>  Mon, 08 Jun 2009 16:22:04 +0200
+

+libdrm (2.4.9-2) unstable; urgency=low
+
+ * Ship all drm headers on kfreebsd, again.
+ * Move -dbg packages to new debug section.
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 03 May 2009 18:55:42 +0200
+
+libdrm (2.4.9-1) unstable; urgency=low
+
+ [ Brice Goglin ]
+ * New upstream release.
+ + Remove buggy symlinks for the upstream tarball.
+ * Add myself to Uploaders.
+
+ [ Julien Cristau ]
+ * Make the linux-libc-dev dependency linux-only (closes: #521253). Thanks,
+ Petr Salinger!
+
+ -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+
+libdrm (2.4.5-2) unstable; urgency=low
+
+ * Add drm_mode.h to the list of headers we don't ship.
+
+ -- Julien Cristau <jcristau@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+
+libdrm (2.4.5-1) unstable; urgency=low
+
+ * New upstream release. (closes: #505740)
+
+ [ Timo Aaltonen ]
+ * debian/rules:
+ - Run autoreconf at build time, build-depend on automake and libtool.
+ (closes: #482727)
+ - Add a debian/libdrm2.symbols file and `-c4` parameter to dh_makeshlibs
+ to fail if new symbols are added. Don't use Debian versions for now.
+
+ [ Julien Cristau ]
+ * Add a new package for the intel-specific bits (libdrm-intel1)
+ * Build-depend on pkg-config and libpthread-stubs0-dev (closes: #502078).
+ Thanks, Frank Lichtenheld!
+ * Don't mention *.la in libdrm-dev.install.
+ * Make libdrm-dev depend on libdrm-intel1 on x86.
+ * On Linux, let udev create the device files.
+ * Let linux-libc-dev provide some drm headers, drop them from libdrm-dev.
+ Add dependency on linux-libc-dev >= 2.6.28.
+ * Set libdrm2 shlibs to 2.4.3, libdrm-intel1 shlibs to 2.4.5. Update
+ symbols files.
At the time of writing, Debian packages for the libdrm library have not been updated to include documentation for the changes made in this release. However, I have been working on adding documentation to the libdrm source code and hope to release a new version of the library that includes this documentation in the near future.

Open Source Used In CloudCenter Suite Admin 5.3.0  26244
also requires adding quilt to the build-depends

-- David Nusinow <dnusinow@debian.org>  Sun, 15 Apr 2007 13:08:50 -0400
+libdrm (2.3.0-2) unstable; urgency=low
+ * Update my email address in debian/control.
+ * Add XS-Vcs-Git and XS-Vcs-Browser in debian/control.
+ * Upload to unstable.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 12 Apr 2007 19:06:57 +0200
+libdrm (2.3.0-1) experimental; urgency=low
+ [ Thierry Reding ]
+ * New upstream release.
+ * Set the Debian X Strike Force as maintainer.
+ * Add myself to uploaders.
+ * Add a debugging symbol package for libdrm2.
+
+ [ Julien Cristau ]
+ * Bump shlibs to libdrm2 >= 2.3.0.
+ * Add myself to uploaders.
+ * Add build-dep on dpkg-dev >= 1.13.19 to make sure that the binary:Version
+ substvar is available.
+ * libdrm2-dbg depends on libdrm2 (= ${binary:Version}).
+ * Don't install libdrm.la, and use dh_install --list-missing.
+
+ -- Julien Cristau <julien.cristau@ens-lyon.org>  Thu,  4 Jan 2007 18:56:08 +0100
+libdrm (2.2.0-0.1) experimental; urgency=low
+ * Non-maintainer upload.
+ * New upstream release.
+ * Bump Standards-Version to 3.7.2, no changes required.
+ * Bump debhelper compatibility to 5 and adjust build-dependency.
+ * Don't try to install pkgconfig files from usr/share/pkgconfig because
+ there is nothing in that directory.
+
+ -- Thierry Reding <thierry@gilfi.de>  Sat, 18 Nov 2006 19:50:26 +0100
+libdrm (2.0.2-0.1) unstable; urgency=low
+ * Non-maintainer upload.
+ * New upstream release (closes: #377166).
+ * Includes a fix for FTBFS on GNU/kFreeBSD (closes: #332994).
+ * Manually force static build.
+ -- Andres Salomon <dilinger@debian.org>  Sat, 23 Sep 2006 06:32:23 +0000
+ +libdrm (2.0.1-1) unstable; urgency=high
+ +  * New upstream release
+ +  - Fixes a pathological hash table smash discovered by the Coverity scanner
+ +  - updates the installed header files for various new #defines
+ + -- David Nusinow <dnusinow@debian.org>  Tue,  4 Apr 2006 23:46:05 -0400
+ +libdrm (2.0-1) experimental; urgency=low
+ +  * First upload to Debian
+ + -- David Nusinow <dnusinow@debian.org>  Thu,  5 Jan 2006 22:45:27 -0500
+ +libdrm (2.0-0ubuntu1) dapper; urgency=low
+ +  * New upstream release.
+ +  * Change binary package from libdrm1 to libdrm2, following soversion bump.
+ + -- Daniel Stone <daniel.stone@ubuntu.com>  Mon, 12 Dec 2005 13:05:22 +1100
+ +libdrm (1.0.5-0ubuntu1) dapper; urgency=low
+ +  * New upstream version.
+ + -- Daniel Stone <daniel.stone@ubuntu.com>  Wed,  2 Nov 2005 01:56:07 +1100
+ +libdrm (1.0.3-3) unstable; urgency=low
+ +  * Yay for understandable bug reports! *gmprf*
+ +  * debian/control/libdrm1 =~ s/development/runtime/ (closes: bug#325515)
+ + -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 16 Sep 2005 09:46:05 -0600
+ +libdrm (1.0.3-2) unstable; urgency=low
+ +  * libdrm.pc.in: add -ldrm to Libs
+ + -- Marcelo E. Magallon <mmagallo@debian.org>  Thu, 08 Sep 2005 20:49:01 -0600
+ +libdrm (1.0.3-1) unstable; urgency=low
+ +  * New upstream
+ + -- Marcelo E. Magallon <mmagallo@debian.org>  Sun, 28 Aug 2005 11:12:07 -0600
+ +
+ libdrm (1.0.2-3) unstable; urgency=low
+ * debian/control: it's "Direct Rendering Infrastructure". I was rather
+ sure it stand for interface... thanks Michel. (closes: bug#324514)
+ * debian/control: forgot to actually write this in the file. Build-Depends
+ on libx11-dev. Thanks Kurt (closes: bug#324560)
+ +-- Marcelo E. Magallon <mmagallo@debian.org> Sun, 28 Aug 2005 11:01:41 -0600
+ + libdrm (1.0.2-2) unstable; urgency=low
+ + * Forgot to fix the other broken bit :-P
+ +-- Marcelo E. Magallon <mmagallo@debian.org> Fri, 19 Aug 2005 22:01:32 -0600
+ + libdrm (1.0.2-1) unstable; urgency=low
+ + * Initial release. Closes: #324074
+ +-- Marcelo E. Magallon <mmagallo@debian.org> Fri, 19 Aug 2005 21:11:18 -0600
+ --- libdrm-2.4.97.orig/debian/compat
+++ libdrm-2.4.97/debian/compat
@@ -0,0 +1 @@
+11
--- libdrm-2.4.97.orig/debian/control
+++ libdrm-2.4.97/debian/control
 @@ -0,0 +1,213 @@
+Source: libdrm
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Uploaders: Andreas Boll <aboll@debian.org>
+Build-Depends:
+ debhelper (>= 11),
+ meson,
+ quilt,
+ xsltproc,
+ docbook-xsl,
+ libx11-dev,
+ pkg-config,
+ xutils-dev (>= 1:7.6+2),
+ libudev-dev [linux-any],
+ libpciaccess-dev,
+ valgrind [amd64 armhf i386 mips mipsel powerpc s390x],
+ Standards-Version: 4.1.4
+ Section: libs
+ Vcs-Git: https://salsa.debian.org/xorg-team/lib/libdrm
+ Vcs-Browser: https://salsa.debian.org/xorg-team/lib/libdrm
Homepage: https://cgit.freedesktop.org/mesa/drm/

Package: libdrm-dev
Section: libdevel
Architecture: linux-any kfreebsd-any
Depends:
  + libdrm2 (= ${binary:Version}),
  + libdrm-intel1 (= ${binary:Version}) [amd64 i386 kfreebsd-amd64 kfreebsd-i386 x32],
  + libdrm-radeon1 (= ${binary:Version}),
  + libdrm-nouveau2 (= ${binary:Version}) [linux-any],
  + libdrm-amdgpul1 (= ${binary:Version}),
  + libdrm-omap1 (= ${binary:Version}) [any-arm],
  + libdrm-freedreno1 (= ${binary:Version}) [any-arm arm64],
  + libdrm-exynos1 (= ${binary:Version}) [any-arm],
  + libdrm-tegra0 (= ${binary:Version}) [any-arm arm64],
  + libdrm-etnaviv1 (= ${binary:Version}) [armhf arm64],
  + ${misc:Depends},
  +Multi-Arch: same
+Description: Userspace interface to kernel DRM services -- development files
  + This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
  + The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.
  + This package provides the development environment for libdrm.

Package: libdrm2
Architecture: linux-any kfreebsd-any
Depends:
  + libdrm-common (>= ${source:Version}),
  + ${shlibs:Depends},
  + ${misc:Depends},
  +Multi-Arch: same
+Pre-Depends: ${misc:Pre-Depends}
+Description: Userspace interface to kernel DRM services -- runtime
  + This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
  + The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.
  + This package provides the runtime environment for libdrm.

Package: libdrm-common
Architecture: all
Depends:
  + ${misc:Depends},
This package provides common files for libdrm.

Package: libdrm2-udeb
Package-Type: udeb
Section: debian-installer
Architecture: linux-any kfreebsd-any
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
Description: Userspace interface to kernel DRM services -- runtime
This is a udeb, or a microdeb, for the debian-installer.

Package: libdrm-intel1
Architecture: amd64 i386 kfreebsd-amd64 kfreebsd-i386 x32
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
Multi-Arch: same
Description: Userspace interface to intel-specific kernel DRM services -- runtime
This library implements the userspace interface to the kernel DRM
services. DRM stands for "Direct Rendering Manager", which is the
kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
The DRI is currently used on Linux to provide hardware-accelerated
OpenGL drivers.

Package: libdrm-nouveau2
Architecture: linux-any
Depends: ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
Multi-Arch: same
Description: Userspace interface to nouveau-specific kernel DRM services -- runtime
This library implements the userspace interface to the kernel DRM
services. DRM stands for "Direct Rendering Manager", which is the
kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
The DRI is currently used on Linux to provide hardware-accelerated
OpenGL drivers.
Package: libdrm-radeon1
Architecture: linux-any kfreebsd-any
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to radeon-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for “Direct Rendering Manager”, which is the
+ kernelspace portion of the “Direct Rendering Infrastructure” (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-omap1
Architecture: any-arm
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to omap-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for “Direct Rendering Manager”, which is the
+ kernelspace portion of the “Direct Rendering Infrastructure” (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-freedreno1
Architecture: any-arm arm64
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to msm/kgsl kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for “Direct Rendering Manager”, which is the
+ kernelspace portion of the “Direct Rendering Infrastructure” (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-exynos1
Architecture: any-arm
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to exynos-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-tegra0
+Architecture: any-arm arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to tegra-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-amdgpu1
+Architecture: linux-any kfreebsd-any
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to amdgpu-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-etnaviv1
+Architecture: armhf arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to etnaviv-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
--- libdrm-2.4.97.org/debian/copyright
+++ libdrm-2.4.97/debian/copyright
@@ -0,0 +1,316 @@
+This package was downloaded from
+https://dri.freedesktop.org/libdrm/
+
+It was debianized by Marcelo E. Magallon <mmagallo@debian.org> on
+
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+ etna_cmd_stream_reloc@Base 0
+ etna_cmd_stream_timestamp@Base 0
+ etna_device_del@Base 0
+ etna_device_fd@Base 0
+ etna_device_new@Base 0
+ etna_device_new_dup@Base 0
+ etna_device_ref@Base 0
+ etna_gpu_del@Base 0
+ etna_gpu_get_param@Base 0
+ etna_gpu_new@Base 0
+ etna_perfmon_create@Base 2.4.89
+ etna_perfmon_del@Base 2.4.89
+ etna_perfmon_get_dom_by_name@Base 2.4.89
+ etna_perfmon_get_sig_by_name@Base 2.4.89
+ etna_pipe_del@Base 0
+ etna_pipe_new@Base 0
+ etna_pipe_wait@Base 0
+ etna_pipe_wait ns@Base 0
--- libdrm-2.4.97.orig/debian/libdrm-exynos1.install
+++ libdrm-2.4.97/debian/libdrm-exynos1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_exynos.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-exynos1.symbols
+++ libdrm-2.4.97/debian/libdrm-exynos1.symbols
@@ -0,0 +1,24 @@
+libdrm_exynos.so.1 libdrm-exynos1 #MINVER#
+exynos_bo_create@Base 0
+exynos_bo_destroy@Base 0
+exynos_bo_from_name@Base 0
+exynos_bo_get_info@Base 0
+exynos_bo_get_name@Base 0
+exynos_bo_handle@Base 0
+exynos_bo_map@Base 0
+exynos_device_create@Base 0
+exynos_device_destroy@Base 0
+exynos_handle_event@Base 2.4.66
+exynos_prime_fd_to_handle@Base 0
+exynos_prime_handle_to_fd@Base 0
+exynos_vidi_connection@Base 0
+g2d_blend@Base 0
+g2d_config_event@Base 2.4.66
+g2d_copy@Base 0
+g2d_copy_with_scale@Base 0
+g2d_exec@Base 0
+g2d_fini@Base 0
+g2d_init@Base 0
+g2d_move@Base 2.4.66
+g2d_scale_and_blend@Base 2.4.60
+ g2d_solid_fill@Base 0
--- libdrm-2.4.97.orig/debian/libdrm-freedreno1.install
+++ libdrm-2.4.97/debian/libdrm-freedreno1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_freedreno.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-freedreno1.symbols
+++ libdrm-2.4.97/debian/libdrm-freedreno1.symbols
@@ -0,0 +1,46 @@
+libdrm_freedreno.so.1 libdrm-freedreno1 #MINVER#
+ fd_bo_cpu_fini@Base 0
+ fd_bo_cpu_prep@Base 0
+ fd_bo_del@Base 0
+ fd_bo_dmabuf@Base 2.4.57
+ fd_bo_from_dmabuf@Base 2.4.57
+ fd_bo_from_fbddev@Base 0
+ fd_bo_from_handle@Base 0
+ fd_bo_from_name@Base 0
+ fd_bo_get_iova@Base 2.4.91
+ fd_bo_get_name@Base 0
+ fd_bo_handle@Base 0
+ fd_bo_map@Base 0
+ fd_bo_new@Base 0
+ fd_bo_put_iova@Base 2.4.91
+ fd_bo_ref@Base 0
+ fd_bo_size@Base 0
+ fd_device_del@Base 0
+ fd_device_fd@Base 2.4.65
+ fd_device_new@Base 0
+ fd_device_new_dup@Base 0
+ fd_device_ref@Base 0
+ fd_device_version@Base 2.4.70
+ fd_pipe_del@Base 0
+ fd_pipe_get_param@Base 0
+ fd_pipe_new2@Base 2.4.89
+ fd_pipe_new@Base 0
+ fd_pipe_ref@Base 2.4.92
+ fd_pipe_wait@Base 0
+ fd_pipe_wait_timeout@Base 2.4.64
+ fd_ringbuffer_cmd_count@Base 2.4.70
+ fd_ringbuffer_del@Base 0
+ fd_ringbuffer_emit_reloc_ring_full@Base 2.4.70
+ fd_ringbuffer_flush2@Base 2.4.73
+ fd_ringbuffer_flush@Base 0
+ fd_ringbuffer_grow@Base 2.4.70
+ fd_ringbuffer_new@Base 0
+ fd_ringbuffer_new_flags@Base 2.4.97
+ fd_ringbuffer_new_object@Base 2.4.93
+ fd_ringbuffer_ref@Base 2.4.97
+ fd_ringbuffer_reloc2@Base 2.4.74
+ fd_ringbuffer_reloc@Base 0
+ fd_ringbuffer_reset@Base 0
+ fd_ringbuffer_set_parent@Base 0
+ fd_ringbuffer_size@Base 2.4.93
+ fd_ringbuffer_timestamp@Base 0
--- libdrm-2.4.97.orig/debian/libdrm-intel1.install
+++ libdrm-2.4.97/debian/libdrm-intel1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_intel.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-intel1.symbols
+++ libdrm-2.4.97/debian/libdrm-intel1.symbols
@@ -0,0 +1,84 @@
+libdrm_intel.so.1 libdrm-intel1 #MINVER#
+ drm_intel_bo_alloc@Base 2.4.1
+ drm_intel_bo_alloc_for_render@Base 2.4.5
+ drm_intel_bo_alloc_tiled@Base 2.4.15
+ drm_intel_bo_alloc_userptr@Base 2.4.57
+ drm_intel_bo_busy@Base 2.4.13
+ drm_intel_bo_disable_reuse@Base 2.4.10
+ drm_intel_bo_emit_reloc@Base 2.4.1
+ drm_intel_bo_emit_reloc_fence@Base 2.4.20
+ drm_intel_bo_exec@Base 2.4.1
+ drm_intel_bo_fake_alloc_static@Base 2.4.15
+ drm_intel_bo_fake_disable_backing_store@Base 2.4.1
+ drm_intel_bo_flink@Base 2.4.1
+ drm_intel_bo_gem_create_from_name@Base 2.4.1
+ drm_intel_bo_gem_create_from_prime@Base 2.4.38
+ drm_intel_bo_gem_export_to_prime@Base 2.4.38
+ drm_intel_bo_get_subdata@Base 2.4.1
+ drm_intel_bo_get_tiling@Base 2.4.1
+ drm_intel_bo_is_reusable@Base 2.4.21
+ drm_intel_bo_madvise@Base 2.4.16
+ drm_intel_bo_map@Base 2.4.1
+ drm_intel_bo_mrb_exec@Base 2.4.23-3~
+ drm_intel_bo_pin@Base 2.4.1
+ drm_intel_bo_reference@Base 2.4.1
+ drm_intel_bo_references@Base 2.4.15
+ drm_intel_bo_set_softpin_offset@Base 2.4.66
+ drm_intel_bo_set_tiling@Base 2.4.1
+ drm_intel_bo_subdata@Base 2.4.1
+ drm_intel_bo_unmap@Base 2.4.1
+ drm_intel_bo_unpin@Base 2.4.1
+ drm_intel_bo_unreference@Base 2.4.1
+ drm_intel_bo_use_48b_address_range@Base 2.4.66
+ drm_intel_bo_wait_rendering@Base 2.4.1
+ drm_bufmgr_check_aperture_space@Base 2.4.1
+ drm_bufmgr_destroy@Base 2.4.1
+ drm_intel_reg_read@Base 2.4.38
--- libdrm-2.4.97.orig/debian/libdrm-nouveau2.install
+++ libdrm-2.4.97/debian/libdrm-nouveau2.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_nouveau.so.2*
--- libdrm-2.4.97.orig/debian/libdrm-nouveau2.lintian-overrides
+++ libdrm-2.4.97/debian/libdrm-nouveau2.lintian-overrides
@@ -0,0 +1 @@
+libdrm-nouveau2: symbols-declares-dependency-on-other-package libdrm-nouveau-private
--- libdrm-2.4.97.orig/debian/libdrm-nouveau2.symbols
+++ libdrm-2.4.97/debian/libdrm-nouveau2.symbols
@@ -0,0 +1,43 @@
+libdrm_nouveau.so.2 libdrm-nouveau2 #MINVER#
+| libdrm-nouveau-private
+| nouveau_bo_map@Base 2.4.34
+| nouveau_bo_name_get@Base 2.4.34
+| nouveau_bo_name_ref@Base 2.4.34
+| nouveau_bo_new@Base 2.4.34
+| nouveau_bo_prime_handle_ref@Base 2.4.38
+| nouveau_bo_ref@Base 2.4.34
+| nouveau_bo_set_prime@Base 2.4.38
+| nouveau_bo_wait@Base 2.4.34
+| nouveau_bo_wrap@Base 2.4.34
+| nouveau_bufctx_del@Base 2.4.34
+| nouveau_bufctx_mthd@Base 2.4.34
+| nouveau_bufctx_new@Base 2.4.34
+| nouveau_bufctx_refn@Base 2.4.34
+| nouveau_bufctx_reset@Base 2.4.34
+| nouveau_client_del@Base 2.4.34
+| nouveau_client_new@Base 2.4.34
+| nouveau_device_del@Base 2.4.34
+| nouveau_device_new@Base 2.4.66
+| nouveau_device_open@Base 2.4.34
+| nouveau_device_open_existing@Base 0 1
+| nouveau_device_wrap@Base 2.4.34
+| nouveau_drm_del@Base 2.4.66
+| nouveau_drm_new@Base 2.4.66
+| nouveau_getparam@Base 2.4.34
+| nouveau_object_del@Base 2.4.34
+| nouveau_object_mclass@Base 2.4.66
+| nouveau_object_mthd@Base 2.4.66
+| nouveau_object_new@Base 2.4.34
+| nouveau_object_sclass_get@Base 2.4.66
+| nouveau_object_sclass_put@Base 2.4.66
+| nouveau_pushbuf_bufctx@Base 2.4.34
+| nouveau_pushbuf_data@Base 2.4.34
+| nouveau_pushbuf_del@Base 2.4.34
+| nouveau_pushbuf_kick@Base 2.4.34
+ nouveau_pushbuf_new@Base 2.4.34
+ nouveau_pushbuf_refd@Base 2.4.34
+ nouveau_pushbuf_refn@Base 2.4.34
+ nouveau_pushbuf_reloc@Base 2.4.34
+ nouveau_pushbuf_space@Base 2.4.34
+ nouveau_pushbuf_validate@Base 2.4.34
+ nouveau_setparam@Base 2.4.34
--- libdrm-2.4.97.orig/debian/libdrm-omap1.install
+++ libdrm-2.4.97/debian/libdrm-omap1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_omap.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-omap1.symbols
+++ libdrm-2.4.97/debian/libdrm-omap1.symbols
@@ -0,0 +1,19 @@
+libdrm_omap.so.1 libdrm-omap1 #MINVER#
+ omap_bo_cpu_fini@Base 2.4.33
+ omap_bo_cpu_prep@Base 2.4.33
+ omap_bo_del@Base 2.4.33
+ omap_bo_dmabuf@Base 2.4.34
+ omap_bo_from_dmabuf@Base 2.4.38
+ omap_bo_from_name@Base 2.4.33
+ omap_bo_get_name@Base 2.4.33
+ omap_bo_handle@Base 2.4.33
+ omap_bo_map@Base 2.4.33
+ omap_bo_new@Base 2.4.33
+ omap_bo_new_tiled@Base 2.4.33
+ omap_bo_ref@Base 2.4.38
+ omap_bo_size@Base 2.4.33
+ omap_device_del@Base 2.4.33
+ omap_device_new@Base 2.4.33
+ omap_device_ref@Base 2.4.38
+ omap_get_param@Base 2.4.33
+ omap_set_param@Base 2.4.33
--- libdrm-2.4.97.orig/debian/libdrm-radeon1.install
+++ libdrm-2.4.97/debian/libdrm-radeon1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_radeon.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-radeon1.symbols
+++ libdrm-2.4.97/debian/libdrm-radeon1.symbols
@@ -0,0 +1,45 @@
+libdrm_radeon.so.1 libdrm-radeon1 #MINVER#
+ radeon_bo_debug@Base 2.4.17
+ radeon_bo_get_handle@Base 2.4.17
+ radeon_bo_get_src_domain@Base 2.4.17
+ radeon_bo_get_tiling@Base 2.4.17
+ radeon_bo_is_busy@Base 2.4.17
+ radeon_bo_is_referenced_by_cs@Base 2.4.17
+ radeon_bo_is_static@Base 2.4.17
+ radeon_bo_manager_gem_ctor@Base 2.4.17
+ radeon_bo_manager_gem_dtor@Base 2.4.17
+ radeon_bo_map@Base 2.4.17
+ radeon_bo_open@Base 2.4.17
+ radeon_bo_unref@Base 2.4.17
+ radeon_bo_set_tiling@Base 2.4.17
+ radeon_bo_unmap@Base 2.4.17
+ radeon_bo_unref@Base 2.4.17
+ radeon_bo_wait@Base 2.4.17
+ radeon_cs_begin@Base 2.4.17
+ radeon_cs_create@Base 2.4.17
+ radeon_cs_destroy@Base 2.4.17
+ radeon_cs_emit@Base 2.4.17
+ radeon_cs_end@Base 2.4.17
+ radeon_cs_erase@Base 2.4.17
+ radeon_cs_get_id@Base 2.4.20
+ radeon_cs_manager_gem_ctor@Base 2.4.17
+ radeon_cs_manager_gem_dtor@Base 2.4.17
+ radeon_cs_need_flush@Base 2.4.17
+ radeon_cs_print@Base 2.4.17
+ radeon_cs_set_limit@Base 2.4.17
+ radeon_cs_space_add_persistent_bo@Base 2.4.17
+ radeon_cs_space_check@Base 2.4.17
+ radeon_cs_space_check_with_bo@Base 2.4.17
+ radeon_cs_space_reset_bos@Base 2.4.17
+ radeon_cs_space_set_flush@Base 2.4.17
+ radeon_cs_write_reloc@Base 2.4.17
+ radeon_gem_bo_open_prime@Base 2.4.39
+ radeon_gem_get_kernel_name@Base 2.4.17
+ radeon_gem_get_reloc_in_cs@Base 2.4.20
+ radeon_gem_name_bo@Base 2.4.17
+ radeon_gem_prime_share_bo@Base 2.4.39
+ radeon_gem_set_domain@Base 2.4.17
+ radeon_surface_best@Base 2.4.31
+ radeon_surface_init@Base 2.4.31
+ radeon_surface_manager_free@Base 2.4.31
+ radeon_surface_manager_new@Base 2.4.31
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.install
+++ libdrm-2.4.97/debian/libdrm-tegra0.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_tegra.so.0*
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.symbols
+++ libdrm-2.4.97/debian/libdrm-tegra0.symbols
@@ -0,0 +1,15 @@
+libdrm_tegra.so.0 libdrm-tegra0 #MINVER#
+ drm_tegra_bo_get_flags@Base 0
+ drm_tegra_bo_get_handle@Base 0
+ drm_tegra_bo_get_tiling@Base 0
+ drmApgrpRelease@Base 2.3.1
+ drmApgrpSize@Base 2.3.1
+ drmApgrpUnbind@Base 2.3.1
+ drmApgrpVendorId@Base 2.3.1
+ drmApgrpVersionMajor@Base 2.3.1
+ drmApgrpVersionMinor@Base 2.3.1
+ drmAuthMagic@Base 2.3.1
+ drmAvailable@Base 2.3.1
+ drmCheckModesettingSupported@Base 2.4.3
+ drmClose@Base 2.3.1
+ drmCloseOnce@Base 2.3.1
+ drmCommandNone@Base 2.3.1
+ drmCommandRead@Base 2.3.1
+ drmCommandWrite@Base 2.3.1
+ drmCommandWriteRead@Base 2.3.1
+ drmCreateContext@Base 2.3.1
+ drmCreateDrawable@Base 2.3.1
+ drmCrtcGetSequence@Base 2.4.89
+ drmCrtcQueueSequence@Base 2.4.89
+ drmCtlInstHandler@Base 2.3.1
+ drmCtlUninstHandler@Base 2.3.1
+ drmDMA@Base 2.3.1
+ drmDelContextTag@Base 2.3.1
+ drmDestroyContext@Base 2.3.1
+ drmDestroyDrawable@Base 2.3.1
+ drmDevicesEqual@Base 2.4.81
+ drmDropMaster@Base 2.4.3
+ drmError@Base 2.3.1
+ drmFinish@Base 2.3.1
+ drmFree@Base 2.3.1
+ drmFreeBufs@Base 2.3.1
+ drmFreeBusid@Base 2.3.1
+ drmFreeDevice@Base 2.4.66
+ drmFreeDevices@Base 2.4.65
+ drmFreeReservedContextList@Base 2.3.1
+ drmFreeVersion@Base 2.3.1
+ drmGetBufInfo@Base 2.3.1
+ drmGetBusid@Base 2.3.1
+ drmGetCap@Base 2.4.25
+ drmGetClient@Base 2.3.1
+ drmGetContextFlags@Base 2.3.1
+ drmGetContextPrivateMapping@Base 2.3.1
+ drmGetContextTag@Base 2.3.1
+ drmGetDevice2@Base 2.4.75
+ drmGetDevice@Base 2.4.66
+ drmGetDeviceNameFromFd2@Base 2.4.74
+ drmGetDeviceNameFromFd@Base 2.4.16
+ drmGetDevices2@Base 2.4.75
+ drmGetDevices@Base 2.4.65
+ drmGetEntry@Base 2.3.1
+ drmGetHashTable@Base 2.3.1
+ drmGetInterruptFromBusID@Base 2.3.1
+ drmGetLibVersion@Base 2.3.1
+ drmGetLock@Base 2.3.1
+ drmGetMagic@Base 2.3.1
+ drmGetMap@Base 2.3.1
+ drmGetNodeTypeFromFd@Base 2.4.60
+ drmGetPrimaryDeviceNameFromFd@Base 2.4.60
+ drmGetRenderDeviceNameFromFd@Base 2.4.60
+ drmGetReservedContextList@Base 2.3.1
+ drmGetStats@Base 2.3.1
+ drmGetVersion@Base 2.3.1
+ drmHandleEvent@Base 2.4.16
+ drmHashCreate@Base 2.3.1
+ drmHashDelete@Base 2.3.1
+ drmHashDestroy@Base 2.3.1
+ drmHashFirst@Base 2.3.1
+ drmHashInsert@Base 2.3.1
+ drmHashLookup@Base 2.3.1
+ drmHashNext@Base 2.3.1
+ drmIoctl@Base 2.4.3
+ drmMalloc@Base 2.3.1
+ drmMap@Base 2.3.1
+ drmMapBufs@Base 2.3.1
+ drmMarkBufs@Base 2.3.1
+ drmModeAddFB2@Base 2.4.30
+ drmModeAddFB2WithModifiers@Base 2.4.71
+ drmModeAddFB@Base 2.4.3
+ drmModeAtomicAddProperty@Base 2.4.62
+ drmModeAtomicAlloc@Base 2.4.62
+ drmModeAtomicCommit@Base 2.4.62
+ drmModeAtomicDuplicate@Base 2.4.62
+ drmModeAtomicFree@Base 2.4.62
+ drmModeAtomicGetCursor@Base 2.4.62
+ drmModeAtomicMerge@Base 2.4.62
+ drmModeAtomicSetCursor@Base 2.4.62
+ drmModeAttachMode@Base 2.4.3
+ drmModeConnectorSetProperty@Base 2.4.3
+ drmModeCreateLease@Base 2.4.89
+ drmModeCreatePropertyBlob@Base 2.4.62
+ drmModeCrtcGetGamma@Base 2.4.3
+ drmModeCrtcSetGamma@Base 2.4.3
+ drmModeDestroyPropertyBlob@Base 2.4.62
+ drmModeDetachMode@Base 2.4.3
+ drmModeDirtyFB@Base 2.4.17
+ drmModeFreeConnector@Base 2.4.3
+ drmSLDelete@Base 2.3.1
+ drmSLDestroy@Base 2.3.1
+ drmSLDump@Base 2.3.1
+ drmSLFirst@Base 2.3.1
+ drmSLInsert@Base 2.3.1
+ drmSLLookup@Base 2.3.1
+ drmSLLookupNeighbors@Base 2.3.1
+ drmScatterGatherAlloc@Base 2.3.1
+ drmScatterGatherFree@Base 2.3.1
+ drmSetBusid@Base 2.3.1
+ drmSetClientCap@Base 2.4.47
+ drmSetContextFlags@Base 2.3.1
+ drmSetInterfaceVersion@Base 2.3.1
+ drmSetMaster@Base 2.4.3
+ drmSetServerInfo@Base 2.3.1
+ drmSwitchToContext@Base 2.3.1
+ drmSyncobjCreate@Base 2.4.82
+ drmSyncobjDestroy@Base 2.4.82
+ drmSyncobjExportSyncFile@Base 2.4.82
+ drmSyncobjFDToHandle@Base 2.4.82
+ drmSyncobjHandleToFD@Base 2.4.82
+ drmSyncobjImportSyncFile@Base 2.4.82
+ drmSyncobjReset@Base 2.4.89
+ drmSyncobjSignal@Base 2.4.89
+ drmSyncobjWait@Base 2.4.84
+ drmUnlock@Base 2.3.1
+ drmUnmap@Base 2.3.1
+ drmUnmapBufs@Base 2.3.1
+ drmUpdateDrawableInfo@Base 2.3.1
+ drmWaitVBlank@Base 2.3.1
--- libdrm-2.4.97.orig/debian/patches/01_default_perms.diff
+++ libdrm-2.4.97/debian/patches/01_default_perms.diff
@@ -0,0 +1,11 @@
+--- a/xf86drm.h
++++ b/xf86drm.h
@@ -74,7 +74,7 @@ extern "C" { 
-#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP)
+#define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP|S_IROTH|S_IWOTH)
+
+ #ifdef __OpenBSD__
+ #define DRM_DIR_NAME /dev
+ #endif
--- libdrm-2.4.97.orig/debian/patches/02_kfreebsd.diff
+++ libdrm-2.4.97/debian/patches/02_kfreebsd.diff
@@ -0,0 +10 @@
--- a/include/drm/drm.h
+++ b/include/drm/drm.h
+@ -44,6 +44,7 @@ typedef unsigned int drm_handle_t;
+
+ #else /* One of the BSDs */
+ 
+ +#include <stdint.h>
+ +#include <sys/ioccom.h>
+ +#include <sys/types.h>
+ typedef int8_t __s8;
--- libdrm-2.4.97.orig/debian/patches/series
+++ libdrm-2.4.97/debian/patches/series
-@@ -0,0 +1,2 @@
+01_default_perms.diff
+02_kfreebsd.diff
--- libdrm-2.4.97.orig/debian/rules
+++ libdrm-2.4.97/debian/rules
-@@ -0,0 +1,126 @@
+#!/usr/bin/make -f
+
+### Configuration, decide what to build
+###
+
+# Some variables:
+DEB_HOST_ARCH     ?= $(shell dpkg-architecture -qDEB_HOST_ARCH)
+DEB_HOST_ARCH_OS  ?= $(shell dpkg-architecture -qDEB_HOST_ARCH_OS)
+DEB_HOST_ARCH_CPU ?= $(shell dpkg-architecture -qDEB_HOST_ARCH_CPU)
+
+confflags = \
+  -Dradeon=true \
+  -Damdgpu=true \
+  -Dlibkms=false \
+  $(
+
+  # Linux vs. the rest:
+  ifeq (linux, $(DEB_HOST_ARCH_OS))
+  confflags += -Dudev=true
+  confflags += -Dvmwgfx=true
+  confflags += -Dnouveau=true
+  NOUVEAU = yes
+else
+  confflags += -Dudev=false
+  confflags += -Dvmwgfx=false
+  confflags += -Dnouveau=false
+  NOUVEAU = no
+endif
+
+--- Open Source Used In CloudCenter Suite Admin 5.3.0 26273
+## Intel is only on x86:
+ifeq (.,$(filter amd64, $(DEB_HOST_ARCH_CPU)))
+ifeq (.,$(filter i386, $(DEB_HOST_ARCH_OS)))
+INTEL = yes
+endif
+endif
+ifeq ($(INTEL), yes)
+confflags += -Dintel=true
+else
+confflags += -Dintel=false
+endif
+
+## Exynos/Omap/Tegra are only on arm
+ifeq (.,$(filter arm, $(DEB_HOST_ARCH_CPU)))
+ARM = yes
+endif
+ifeq ($(ARM), yes)
+confflags += -Dexynos=true
+confflags += -Domap=true
+else
+confflags += -Dexynos=false
+confflags += -Domap=false
+endif
+
+## Etnaviv is on armhf and arm64
+ifeq (.,$(filter armhf arm64, $(DEB_HOST_ARCH)))
+ETNAVIV = yes
+endif
+ifeq ($(ETNAVIV), yes)
+confflags += -Detnaviv=true
+else
+confflags += -Detnaviv=false
+endif
+
+## Tegra is on arm and arm64
+ifeq (.,$(filter arm arm64, $(DEB_HOST_ARCH_CPU)))
+TEGRA = yes
+endif
+ifeq ($(TEGRA), yes)
+confflags += -Dtegra=true
+else
+confflags += -Dtegra=false
+endif
+
+## Freedreno is on arm and arm64
+ifeq (.,$(filter arm arm64, $(DEB_HOST_ARCH_CPU)))
+FREEDRENO = yes
+endif
+ifeq ($FREEDRENO), yes
+confflags += -Dfreedreno=true -Dfreedreno-kgs=true
+else
+confflags += -Dfreedreno=false
+endif
+
+###
+### Actual build
+###
+
+override_dh_auto_configure:
+dh_auto_configure -- $(confflags)
+
+override_dh_auto_test:
+dh_auto_test || echo "Test suite failure, but keeping on anyway"
+
+override_dh_install:
+find debian/tmp -name '*.la' -delete
+dh_install --fail-missing
+
+override_dh_makeshlibs:
+dh_makeshlibs -plibdrm2 -V'libdrm2 (>= 2.4.89)' --add-udeb=libdrm2-udeb -- -c4
+ifeq ($(INTEL), yes)
+dh_makeshlibs -plibdrm-intel1 -V'libdrm-intel1 (>= 2.4.75)' -- -c4
+endif
+ifeq ($(NOUVEAU), yes)
+dh_makeshlibs -plibdrm-nouveau2 -V'libdrm-nouveau2 (>= 2.4.66)' -- -c4
+endif
+
+dh_makeshlibs -plibdrm-radeon1 -V'libdrm-radeon1 (>= 2.4.39)' -- -c4
+dh_makeshlibs -plibdrm-amdgpu1 -V'libdrm-amdgpu1 (>= 2.4.97)' -- -c4
+ifeq ($(ARM), yes)
+dh_makeshlibs -plibdrm-omap1 -V'libdrm-omap1 (>= 2.4.38)' -- -c4
+dh_makeshlibs -plibdrm-exynos1 -V'libdrm-exynos1 (>= 2.4.66)' -- -c4
+endif
+ifeq ($(ETNAVIV), yes)
+dh_makeshlibs -plibdrm-etnaviv1 -V'libdrm-etnaviv1 (>= 2.4.89)' -- -c4
+endif
+ifeq ($(TEGRA), yes)
+dh_makeshlibs -plibdrm-tegra0 -V'libdrm-tegra0' -- -c4
+endif
+ifeq ($(FREEDRENO), yes)
+dh_makeshlibs -plibdrm-freedreno1 -V'libdrm-freedreno1 (>= 2.4.97)' -- -c4
+endif
+
+%:
+dh $@ --with quilt
+--builddirectory=build/
+--builddirstate=meson
1.1646  arg 2.0.0
1.1646.1 Available under license:

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       src/udev/udevadm-hwdb.c
       src/udev/udev-builtin.c
       src/udev/udev-builtin-net_id.c
Copyright: 2007-2013 Kay Sievers <kay@vrfy.org>
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1.1651 python-minimal 3.5.3-1

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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py3compile, py3clean and debpython module:
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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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1.1658 krb5-libs 1.15.1-50.el7

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lib/gssapi/mechglue/g_exp_sec_context.c
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lib/gssapi/mechglue/g_glue.c
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    kadmin/server/ipropd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
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Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

Since some protocols are found in rare environments (finance, industry,...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I *want* to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.
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Willy Tarreau - w@1wt.eu

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table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
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under the terms of Sections 1 and 2 above provided that you accompany
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must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
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source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also combine or
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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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iconv (Charset Conversion Library) v2.0

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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@heading TERMS AND CONDITIONS

@enumerate 0
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@end enumerate

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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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1.1668 pyjwt 1.5.3

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1.1669 gzip 1.5-10.el7

1.1670 python-pycparser 2.14 1.el7

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This is a list of people who have contributed to pycparser by supplying patches, opening issues, or generally helping out, before the project moved to Github.

For more recent contributions, check out the “Contributors” page of the pycparser Github project.

The list is sorted in increasing alphabetic order by first name.

* Andreas Klckner
* Andrew de los Reyes
* Benoit Pradelle
* Dov Feldstern
* Even Wiik Thomassen
* Greg Smith
* Jaroslav Franek
* Li Xuan Ji
* Mateusz Czapinski
* Paolo Di Maio
* Rory Yorke
* Rubin
* Scott Tsai
* Sye van der Veen
* Thomas W. Barr
* Tomer Segal
* Weyllor

1.1671 asm-commons 5.0.4

1.1671.1 Available under license:
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/*
/**
 * Creates a new GeneratorAdapter. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * GeneratorAdapter(int, MethodVisitor, int, String, String)
 * version.
 *
 * @param mv the method visitor to which this adapter delegates calls.
 *
 * @param access the method's access flags (see Opcodes).
 *
 * @param name the method's name.
 *
 * @param desc the method's descriptor (see Type).
 *
 * @throws IllegalStateException If a subclass calls this constructor.
 */

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  jar/org/objectweb/asm/util/Textifiable.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-
  jar/org/objectweb/asm/util/ASMifiable.java

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/**
* Constructs a new [@link LocalVariableAnnotationNode]. <i>Subclasses must
* not use this constructor</i>. Instead, they must use the
* [@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)]
* version.
*/

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*/
* @param typeRef
  * a reference to the annotated type. See {@link TypeReference}.

* @param typePath
  * the path to the annotated type argument, wildcard bound, array
  * element type, or static inner type within 'typeRef'. May be
  * &lt;tt&gt;null&lt;/tt&gt; if the annotation targets 'typeRef' as a whole.

* @param start
  * the fist instructions corresponding to the continuous ranges
  * that make the scope of this local variable (inclusive).

* @param end
  * the last instructions corresponding to the continuous ranges
  * that make the scope of this local variable (exclusive). This
  * array must have the same size as the 'start' array.

* @param index
  * the local variable's index in each range. This array must have
  * the same size as the 'start' array.

* @param desc
  * the class descriptor of the annotation class.

*/

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  jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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*/
*/
/**
 * Constructs a new [Textifier]. <i>Subclasses must not use this constructor</i>. Instead, they must use the [Textifier(int)] version.
 * @throws IllegalStateException If a subclass calls this constructor.
 */

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* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5.0.4-sources-2.jar/org/objectweb/asm/util/Textifier.java
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 */
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * [JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])]
 */
/**
* @param mv
* the <code>MethodVisitor</code> to send the resulting inlined
* method code to (use <code>null</code> for none).
* @param access
* the method's access flags (see {@link Opcodes}). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see {@link Type}).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* {@link Type#getInternalName() getInternalName}). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-
  jar/org/objectweb/asm/xml/SAXClassAdapter.java
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  jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-
  jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-
  jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-
  jar/org/objectweb/asm/xml/SAXAdapter.java
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  jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/Type.java
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* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
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* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/commons/StaticInitMerger.java
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* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1108987340_1606240708.93\0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
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* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/tree/asm/Commons/SimpleRemapper.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
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* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1108987340_1606240708.93/0/asm-commons-5-0-4-sources-2-jar/org/objectweb/asm/optimizer/ClassOptimizer.java
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 */
/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * { @link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 *
 * @param access
 * the method's access flags (see { @link Opcodes}).
 *
 * @param name
 * the method's name.
 *
 * @param desc
 * the method's descriptor (see { @link Type Type}).
 *
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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  jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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/**
 * Constructs a new [@link ClassNode]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@link #ClassNode(int)]
 * version.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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1.1672 libss 1.44.5 1+deb10u3
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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.1674 elfutils-libelf 0.176-5.el7

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1.1676 range-parser 1.2.0

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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 
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5. A program that contains no derivative of any portion of the 
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However, linking a "work that uses the Library" with the Library 
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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DRuntime: Runtime Library for the D Programming Language

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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# Contributions to the urllib3 project

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  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

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  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

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  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

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* Marc Schlaich <marc.schlaich@gmail.com>
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* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL
* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbgrn <http://dbgrn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
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  * Add ability to pass socket options to an HTTP Connection

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* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

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* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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1.1684 update-check 1.5.2

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1.1686 audit 2.8.5 4.el7

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1.1688 libdrmraadeon 2.4.97-1
## Available under license:

No license file was found, but licenses were detected in source scan.

```bash
--- libdrm-2.4.97.orig/README.rst
+++ libdrm-2.4.97/README.rst
@@ -0,0 +1,61 @@
+libdrm - userspace library for drm
+----------------------------------
+
+This is libdrm, a userspace library for accessing the DRM, direct rendering
+manager, on Linux, BSD and other operating systems that support the ioctl
+interface.
+The library provides wrapper functions for the ioctls to avoid exposing the
+kernel interface directly, and for chipsets with drm memory manager, support
+for tracking relocations and buffers.
+New functionality in the kernel DRM drivers typically requires a new libdrm,
+but a new libdrm will always work with an older kernel.
+
+libdrm is a low-level library, typically used by graphics drivers such as
+the Mesa drivers, the X drivers, libva and similar projects.
+
+Compiling
+--------
+
+libdrm has two build systems, a legacy autotools build system, and a newer
+meson build system. The meson build system is much faster, and offers a
+slightly different interface, but otherwise provides an equivalent feature set.
+
+To use it:
+
+meson builddir/
+
+By default this will install into /usr/local, you can change your prefix
+with --prefix=/usr (or `meson configure builddir/ -Dprefix=/usr` after
+the initial meson setup).
+
+Then use ninja to build and install:
+
+ninja -C builddir/ install
+
+If you are installing into a system location you will need to run install
+separately, and as root.
+
+Alternatively you can invoke autotools configure:
+
+.configure
```
By default, libdrm will install into the /usr/local/ prefix. If you want to install this DRM to replace your system copy, pass --prefix=/usr and --exec-prefix=/ to configure. If you are building libdrm from a git checkout, you first need to run the autogen.sh script. You can pass any options to autogen.sh that you would otherwise pass to configure, or you can just re-run configure with the options you need once autogen.sh finishes.

Next step is to build libdrm:

make

and once make finishes successfully, install the package using

make install

If you are installing into a system location, you will need to be root to perform the install step.

Quick Guide To Patching This Package For The Impatient

1. Make sure you have quilt installed
2. Unpack the package as usual with "dpkg-source -x"
3. Run the "patch" target in debian/rules
4. Create a new patch with "quilt new" (see quilt(1))
5. Edit all the files you want to include in the patch with "quilt edit"
6. Write the patch with "quilt refresh" (see quilt(1))
7. Run the "clean" target in debian/rules

Alternatively, instead of using quilt directly, you can drop the patch in to debian/patches and add the name of the patch to debian/patches/series.

Guide To The X Strike Force Packages
The X Strike Force team maintains X packages in git repositories on git.debian.org in the pkg-xorg subdirectory. Most upstream packages are actually maintained in git repositories as well, so they often just need to be pulled into git.debian.org in a "upstream-*" branch. Otherwise, the upstream sources are manually installed in the Debian git repository.

The .orig.tar.gz upstream source file could be generated using this "upstream-*" branch in the Debian git repository but it is actually copied from upstream tarballs directly.

Due to X.org being highly modular, packaging all X.org applications as their own independent packages would have created too many Debian packages. For this reason, some X.org applications have been grouped into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils, x11-utils, x11-xfst-utils, x11-xkb-utils, x11-xserver-utils.

Most packages, including the X.org server itself and all libraries and drivers are, however maintained independently.

The Debian packaging is added by creating the "debian-*" git branch which contains the aforementioned "upstream-*" branch plus the debian/repository files.

When a patch has to be applied to the Debian package, two solutions are involved:

* If the patch is available in one of the upstream branches, it may be git'cherry-picked into the Debian repository. In this case, it appears directly in the .diff.gz.
* Otherwise, the patch is added to debian/patches/ which is managed with quilt as documented in /usr/share/doc/quilt/README.source.

--- libdrm-2.4.97.orig/debian/changelog
+++ libdrm-2.4.97/debian/changelog
@@ -0,0 +1,1138 @@
+libdrm (2.4.97-1) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * New upstream release.
+ * Update libdrm-amdgpu1.symbols and shlibs.
+ * Update libdrm-freedreno1.symbols and shlibs.
+
+ [ James Clarke ]
+ * Fix build on GNU/kFreeBSD (Closes: #837034, #909249).
+ * Remove no longer needed build-dep libbsd-overlay.
+
+ -- Andreas Boll <aboll@debian.org> Wed, 23 Jan 2019 12:45:04 +0100
+
+libdrm (2.4.95-1) unstable; urgency=medium
+
+ [ Timo Aaltonen ]
* rules, control: Switch to meson.

[ Andreas Boll ]

* New upstream release.
  - Fixes WebGL on Firefox (Closes: #907698).
* Update libdrm-amdgpuidg.symbols and shlibs.
* Drop static libdrm library from libdrm-dev.
* Update extend-diff-ignore.

-- Andreas Boll <aboll@debian.org>  Wed, 10 Oct 2018 11:50:36 +0200
+ libdrm (2.4.94-1) unstable; urgency=medium

[ Guido Gnther ]

* Enable etnaviv on arm64 (Closes: #906915)

[ Timo Aaltonen ]

* New upstream release. (LP: #1789924)
* Update libdrm-amdgpuidg.symbols and shlibs.

-- Timo Aaltonen <tjaalton@debian.org>  Thu, 30 Aug 2018 21:18:04 +0300
+ libdrm (2.4.93-1) unstable; urgency=medium

* New upstream release.
* Update libdrm-freedreno1.symbols and shlibs.

-- Andreas Boll <aboll@debian.org>  Mon, 13 Aug 2018 20:20:28 +0200
+ libdrm (2.4.92-1) unstable; urgency=medium

* New upstream release.
* Update libdrm-freedreno1.symbols and shlibs.
* control: Update to my Debian address.
* Update Vcs-* URLs to point at salsa.debian.org.
* Bump debhelper compat to 11.
* Bump standards version to 4.1.4.

-- Andreas Boll <aboll@debian.org>  Fri, 18 May 2018 14:32:46 +0200
+ libdrm (2.4.91-2) unstable; urgency=medium

* Update libdrm-freedreno1.symbols and shlibs (Closes: #892960).

-- Sven Joachim <svenjoac@gmx.de>  Wed, 14 Mar 2018 22:23:03 +0100
+ libdrm (2.4.91-1) unstable; urgency=medium

* New upstream release.

* -- Timo Aaltonen <tjaalton@debian.org> Wed, 14 Mar 2018 09:02:58 +0200

* New upstream release.
* -- Timo Aaltonen <tjaalton@debian.org> Wed, 14 Mar 2018 09:02:58 +0200

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* New upstream release.
* -- Timo Aaltonen <tjaalton@debian.org> Wed, 14 Mar 2018 09:02:58 +0200

* New upstream release.
* -- Timo Aaltonen <tjaalton@debian.org> Wed, 14 Mar 2018 09:02:58 +0200

* New upstream release.
+ * libdrm2.symbols: Updated.
+ + -- Timo Aaltonen <tjaalton@debian.org> Fri, 13 Oct 2017 09:10:17 +0300
+ + libdrm (2.4.83-1) unstable; urgency=medium
+ + * New upstream release.
+ + -- Timo Aaltonen <tjaalton@debian.org> Tue, 03 Oct 2017 11:15:26 +0300
+ + libdrm (2.4.82-1) unstable; urgency=medium
+ + * New upstream release.
+ * debian/upstream/signing-key.asc: add key from Lucas Stach.
+ * Add libdrm-common package for new data files.
+ * debian/*-symbols: add new symbols.
+ * debian/rules: Bump shlibs for the libraries with new symbols.
+ * debian/control: Bump Standards-Version to 4.0.0; no changes needed.
+ + -- Emilio Pozuelo Monfort <pochu@debian.org> Fri, 28 Jul 2017 22:40:20 +0200
+ + libdrm (2.4.81-2) unstable; urgency=medium
+ + * Upload to unstable.
+ + -- Andreas Boll <andreas.boll.dev@gmail.com> Fri, 23 Jun 2017 11:57:14 +0200
+ + libdrm (2.4.81-1) experimental; urgency=medium
+ + * New upstream release.
+ * Bump libdrm2's and libdrm-amdgpu1's symbols and shlibs.
+ + -- Andreas Boll <andreas.boll.dev@gmail.com> Fri, 09 Jun 2017 10:41:36 +0200
+ + libdrm (2.4.80-1) experimental; urgency=medium
+ + * New upstream release.
+ * Bump libdrm-amdgpu1's and libdrm-etnaviv1's symbols and shlibs.
+ * Remove libpthread-stubs0-dev build-dep per configure.ac.
+ + -- Andreas Boll <andreas.boll.dev@gmail.com> Wed, 19 Apr 2017 15:35:21 +0200
+ + libdrm (2.4.77-1) experimental; urgency=medium
+ + * Team upload.
+ * New upstream release.
+ * Bump libdrm-amdgpu1 symbols.
+ * Update debian/upstream/signing-key.asc
+ -- Jordan Justen <jordan.l.justen@intel.com> Wed, 05 Apr 2017 02:30:35 -0700
+
+ libdrm (2.4.76-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Update extend-diff-ignore.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Thu, 30 Mar 2017 10:41:10 +0200
+
+ libdrm (2.4.75-2) experimental; urgency=medium
+
+ * Cherry-pick 19c4cfcc (intel: Add handle to hashtable before freeing
+   along an error path) from upstream (LP: #1671377).
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Tue, 21 Mar 2017 18:29:17 +0100
+
+ libdrm (2.4.75-1) experimental; urgency=medium
+
+ * New upstream release.
+ * Bump libdrm2's and libdrm-intel1's symbols and shlibs.
+ * Update extend-diff-ignore.
+ * Add debian/source/format file.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Wed, 01 Feb 2017 17:08:17 +0100
+
+ libdrm (2.4.74-2) experimental; urgency=medium
+
+ [ Andreas Boll ]
+ * Switch to dbg.sym packages.
+ * Enable building etnaviv on armhf (Closes: #852685).
+
+ [ Emilio Pozuelo Monfort ]
+ * Stop passing --disable-silent-rules to configure, debhelper does it now.
+ * Don't override dh_auto_install, it defaults to debian/tmp.
+
+ -- Emilio Pozuelo Monfort <pochu@debian.org> Fri, 27 Jan 2017 17:54:01 +0100
+
+ libdrm (2.4.74-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Update debian/upstream/signing-key.asc.
+ * Bump libdrm2's, libdrm-freedreno1's and libdrm-intel1's symbols and
+   shlibs.
+ * Bump debhelper compat to 10.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Tue, 29 Nov 2016 19:01:04 +0100
+
+libdrm (2.4.73-1) unstable; urgency=medium
+
+  * New upstream release.
+  * Bump libdrm2's, libdrm-amdgpu1's, libdrm-freedreno1's and libdrm-
+     intel1's symbols and shlibs.
+  * Update a bunch of URLs in packaging to https.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Tue, 15 Nov 2016 15:43:02 +0100
+
+libdrm (2.4.71-1) unstable; urgency=medium
+
+  * New upstream release.
+  * Update symbols file and bump shlibs for libdrm2.
+  * Update libdrm-intel1.symbols and shlibs.
+  * Remove Hurd from the architecture list. It FTBFS, haven't built in
+     the past and won't be useful without the equivalent of the Linux
+     Direct Rendering Manager (DRM) subsystem.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 06 Oct 2016 10:31:27 +0200
+
+libdrm (2.4.70-1) unstable; urgency=medium
+
+  * New upstream release.
+  * Update libdrm-freedreno1.symbols and shlibs.
+  * source/local-options: Add more files to extend-diff-ignore option.
+  * Fixes 17 patch-system-but-direct-changes-in-diff lintian warnings.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Mon, 25 Jul 2016 12:32:20 +0200
+
+libdrm (2.4.69-1) unstable; urgency=medium
+
+  [ Andreas Boll ]
+  * New upstream release.
+  * Update debian/upstream/signing-key.asc.
+  * Bump Standards-Version to 3.9.8, no changes needed.
+  * Update watch url to use https instead of http.
+
+  [ Julien Cristau ]
+  * Build libdrm-tegra on arm64 (closes: #828023). Thanks, Martin Michlmayr!
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com>  Thu, 21 Jul 2016 10:25:17 +0200
+
+libdrm (2.4.68-1) unstable; urgency=medium
+
+  * New upstream release. (LP: #1577735)
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Tue, 03 May 2016 14:30:06 +0300
+
libdrm (2.4.67-1) unstable; urgency=medium
+
+ * New upstream release.
+ * patches: Refreshed.
+ * libdrm-amdgpu1 symbols: Updated.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Tue, 16 Feb 2016 12:14:16 +0200
+
libdrm (2.4.66-2) unstable; urgency=medium
+
+ * Update libdrm-exynos1 symbols and shlibs.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Fri, 15 Jan 2016 12:08:05 +0100
+
libdrm (2.4.66-1) unstable; urgency=medium
+
+ * New upstream release.
+ * Update symbols file and bump shlibs for libdrm2.
+ * Update libdrm-intel1 symbols and shlibs.
+ * Update libdrm-nouveau2 symbols and shlibs.
+ * Drop obsolete Replaces from pre-wheezy.
+ * Add myself to Uploaders.
+
+ -- Andreas Boll <andreas.boll.dev@gmail.com> Fri, 15 Jan 2016 10:41:05 +0100
+
libdrm (2.4.65-3) unstable; urgency=medium
+
+ * rules: Bump freedreno shlib back to 2.4.65.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Mon, 26 Oct 2015 23:15:56 +0200
+
libdrm (2.4.65-2) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * Update libdrm-freedreno1 symbols and shlibs.
+ * Drop Debian revision from new symbols in libdrm2 symbols.
+
+ [ Fathi Boudra ]
+ * Enable freedreno build on arm64 architecture.
+
+ -- Timo Aaltonen <tjaalton@debian.org> Mon, 26 Oct 2015 21:40:43 +0200
+
libdrm (2.4.65-1) unstable; urgency=medium
+
+ [ Andreas Boll ]
+ * New upstream release.
+ * Update debian/upstream/signing-key.asc.
+ * Update symbols file and bump shlibs for libdrm2.
+ * Enable libdrm-amdgpu1 on kfreebsd-*.
+ * Fix Vcs-* fields.
+ * Add upstream url.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Mon, 26 Oct 2015 10:22:57 +0200
+
+libdrm (2.4.64-1) unstable; urgency=medium
+
+ [ Robert Hooker ]
+ * New upstream release.
+ * Bump symbols file and shlibs for libdrm-freedreno1.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Wed, 19 Aug 2015 07:52:50 +0300
+
+libdrm (2.4.63-1) unstable; urgency=medium
+
+ [ Robert Hooker ]
+ * New upstream release.
+ - Drop Fix-headers-inclusion-in-xf86drmMode.c.diff, upstream.
+ * Add new libdrm-amdgpu1 package.
+
+ -- Timo Aaltonen <tjaalton@debian.org>  Sat, 15 Aug 2015 18:55:57 +0300
+
+libdrm (2.4.62-1) unstable; urgency=medium
+
+ [ Sven Joachim ]
+ * New upstream release.
+ - nouveau: restore check that avoids multiple user bos per kernel bo
+   (Closes: #789759).
+ * Update symbols file and shlibs for libdrm2.
+ * Refresh the patch from 2.4.60-3 after upstream changes.
+ * Remove duplicate Section fields from debian/control.
+ * Update debian/upstream/signing-key.asc.
+ * Bump Standards-Version to 3.9.6, no changes needed.
+
+ [ Julien Cristau ]
+ * Update debian/upstream/signing-key.asc.
+ * Fix kfreebsd patch that caused an FTBFS on Linux/x32: only include
+ <sys/sysctl.h> if configure detects it (closes: #787496). Thanks,
+ Thorsten Glaser.
+ * Add build-dep on xutils-dev for xorg-macros.
+ * Cherry-pick upstream patch to let valgrind auto-detection work.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 02 Jul 2015 21:11:21 +0200
+
+libdrm (2.4.60-3) unstable; urgency=medium
+
+ [ Timo Aaltonen ]
+ * control: Add a typo in libdrm-tegra0 description.
+ * Fix FTBFS on kfreebsd: include <sys/sysctl.h> for sysctlbyname, and use
+ -lbsd to make the tests build (they use getopt, and our libbsd-overlay
+ cflags redirect that to bsd_getopt).
+ * Bump shlibs for libraries with new symbols.
+ * Add missing dependency of libdrm-dev on libdrm-tegra0 on arm*.
+ * Let uscan verify tarball signatures.
+ -- Julien Cristau <jcristau@debian.org>  Sun, 26 Apr 2015 12:21:30 +0200
+ +libdrm (2.4.60-2) experimental; urgency=medium
+ + [ Maarten Lankhorst ]
+ * Fix ftbfs on armhf.
+ + -- Timo Aaltonen <tjaalton@debian.org>  Wed, 08 Apr 2015 09:21:00 +0300
+ +libdrm (2.4.60-1) experimental; urgency=medium
+ + * New upstream release.
+ * libdrm-intel1.symbols, libdrm2.symbols: Updated.
+ + -- Timo Aaltonen <tjaalton@debian.org>  Fri, 20 Mar 2015 09:07:11 +0200
+ +libdrm (2.4.59-1) experimental; urgency=medium
+ + * New upstream release.
+ * Add libdrm-tegra0 on arm.
+ + -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Wed, 21 Jan 2015 13:24:22 +0100
+ +libdrm (2.4.58-2) unstable; urgency=medium
+ + [ Andreas Boll ]
+ * Update libdrm-freedreno1.symbols and shlibs (fixes FTBFS).
+ + -- Julien Cristau <jcristau@debian.org>  Sun, 05 Oct 2014 19:00:32 +0200
+ +libdrm (2.4.58-1) unstable; urgency=medium
+ + [ Andreas Boll ]
+ * New upstream release.
+ - 03_hide_symbols.diff dropped, upstream.
+ * Update libdrm-intel1.symbols and shlibs.
+ + -- Julien Cristau <jcristau@debian.org>  Sun, 05 Oct 2014 15:53:13 +0200
+ libdrm (2.4.49-2) unstable; urgency=low
+ * Cherry-pick a commit from upstream to fix a radeonsi regression.
+ * c8a437f4c76: radeon: Update unaligned offset for 2D->1D tiling
+ transition on SI
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Tue, 26 Nov 2013 15:25:45 +0100
+
+ libdrm (2.4.49-1) unstable; urgency=low
+ * New upstream release.
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Mon, 25 Nov 2013 11:36:32 +0100
+
+ libdrm (2.4.46-4) unstable; urgency=low
+
+ [ Colin Watson ]
+ * Declare libdrm-dev Multi-Arch: same.
+
+ [ Maarten Lankhorst ]
+ * Cherry-pick upstream patch to fix relocations for all cards <nv50.
+ * Do not require valgrind on armel.
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Thu, 07 Nov 2013 14:11:38 +0100
+
+ libdrm (2.4.46-3) unstable; urgency=low
+
+ * Make drmCheckModesettingSupported work on FreeBSD. Thanks, Christoph
+  Egger!
+ * Stop building libkms.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 19 Sep 2013 21:24:52 +0200
+
+ libdrm (2.4.46-2) unstable; urgency=low
+
+ * Build libdrm-radeon1 on kfreebsd (closes: #684593).
+
+ -- Julien Cristau <jcristau@debian.org>  Wed, 21 Aug 2013 21:05:44 +0200
+
+ libdrm (2.4.46-1) unstable; urgency=low
+
+ [ Sven Joachim ]
+ * New upstream release.
+ * Bump libdrm2's and libdrm-intel1's symbols and shlibs.
+ * Build libdrm-intel1 on x32 (Closes: #712515).
+ * Disable silent rules.
+
+ -- Maarten Lankhorst <maarten.lankhorst@ubuntu.com>  Mon, 05 Aug 2013 13:44:46 +0200
libdrm (2.4.45-3) unstable; urgency=low

* Team upload.

* debian/patches/03_build_against_librt.diff:
  + Removed, no longer needed with our current glibc version.
  + Thanks to Julien Cristau for pointing it out.
  + Upload to unstable.

-- Emilio Pozuelo Monfort <pochu@debian.org> Thu, 06 Jun 2013 23:13:12 +0200

 libdrm (2.4.45-2) experimental; urgency=low

 [ Sven Joachim ]
 * Only build-depend on valgrind on architectures where
   valgrind is actually available.

-- Julien Cristau <jcristau@debian.org> Thu, 30 May 2013 10:03:37 +0200

 libdrm (2.4.45-1) experimental; urgency=low

 * Team upload.

 [ Julien Cristau ]
 * Bump libdrm2 shlibs to 2.4.38.

 [ Maarten Lankhorst ]
 * New upstream release.
 * Build-depend on xsltproc and docbook-xsl.
 * Add valgrind to build-depends.

 [ Timo Aaltonen ]
 * control: Bump policy to 3.9.4, no changes.

 [ Emilio Pozuelo Monfort ]
 * Upload to experimental.

-- Emilio Pozuelo Monfort <pochu@debian.org> Thu, 16 May 2013 00:09:59 +0200

 libdrm (2.4.40-1) experimental; urgency=low

 [ Maarten Lankhorst ]
 * New upstream release.
 + - Nouveau ABI change, replace libdrm-nouveau1a with libdrm-nouveau2.

 [ Timo Aaltonen ]
 + * Bump libdrm-intell's and libdrm-nouveau2's shlibs due to new symbols.
+ * Hardcode the version for libdrm-omap1’s shlibs.
+ [ Christopher James Halse Rogers ]
+ * Add libdrm2-udeb; Xserver 1.13 wants libdrm for hotplug config, so
+ will be needed for the 1.13 xserver-xorg-core-udeb.
+ [ Sven Joachim ]
+ * Bump libdrm-radeon1’s symbols and shlibs.
+ * Mark some internal libdrm-nouveau2 symbols as private.
+ * Drop patch 02_build_libkms_against_in_tree_drm.diff, applied upstream.
+ -- Julien Cristau <jcristau@debian.org> Sat, 17 Nov 2012 18:50:33 +0100
+ +libdrm (2.4.33-3) unstable; urgency=low
+ + * Add missing dependency on libdrm-omap1 to libdrm-dev (thanks, Robert
+ Hooker!). Make some arm matching a bit simpler.
+ -- Julien Cristau <jcristau@debian.org> Thu, 21 Jun 2012 23:22:22 +0200
+ +libdrm (2.4.33-2) unstable; urgency=low
+ [ Sebastian Reichel ]
+ * Build libdrm_omap (closes: #667572).
+ -- Julien Cristau <jcristau@debian.org> Thu, 21 Jun 2012 22:39:22 +0200
+ +libdrm (2.4.33-1) unstable; urgency=low
+ + * New upstream release.
+ -- Cyril Brulebois <kibi@debian.org> Mon, 02 Apr 2012 01:28:22 +0000
+ +libdrm (2.4.32-1) unstable; urgency=low
+ [ Robert Hooker ]
+ * New upstream release (2.4.31).
+ * Bump libdrm2 and libdrm-radeon1 symbols and shlibs to account for
+ recent changes.
+ [ Cyril Brulebois ]
+ * New upstream release (2.4.32).
+ * Bump libdrm-intel1’s symbols and shlibs accordingly.
+ -- Cyril Brulebois <kibi@debian.org> Mon, 19 Mar 2012 19:56:12 +0000
+ +libdrm (2.4.30-1) unstable; urgency=low
+ * New upstream release.
+ * Bump libdrm2's and libdrm-intel1's symbols and shlibs accordingly.
+ * Document the symlink dance when building from git in README.source.
+ -- Cyril Brulebois <kibi@debian.org>  Fri, 06 Jan 2012 20:04:37 +0100
+ 
+i/libdrm (2.4.29-1) unstable; urgency=low
+ 
+ * New upstream release:
+ - assert()s are now gone (Closes: #651316).
+ * Update libdrm-intel1's symbols and shlibs accordingly.
+ -- Cyril Brulebois <kibi@debian.org>  Tue, 13 Dec 2011 13:16:22 +0100
+ 
+i/libdrm (2.4.28-1) unstable; urgency=low
+ 
+ * New upstream release.
+ 
+ -- Cyril Brulebois <kibi@debian.org>  Tue, 06 Dec 2011 15:17:50 +0100
+ 
+i/libdrm (2.4.27-1) unstable; urgency=low
+ 
+ * New upstream release:
+ - Push the new Intel API for use by mesa.
+ - Usual bug fixes.
+ * Update libdrm-intel1's symbols and shlibs accordingly.
+ 
+ -- Cyril Brulebois <kibi@debian.org>  Tue, 01 Nov 2011 19:30:54 +0100
+ 
+i/libdrm (2.4.26-1) unstable; urgency=low
+ 
+ * New upstream release:
+ - Fix two important intel bugs.
+ * Add libpciaccess-dev build-dep.
+ * Update libdrm-intel1's symbols and shlibs for new aperture-related symbol.
+ 
+ -- Cyril Brulebois <kibi@debian.org>  Fri, 24 Jun 2011 17:07:04 +0200
+ 
+i/libdrm (2.4.25-3) unstable; urgency=low
+ 
+ * Team upload.
+ 
+ [ Steve Langasek ]
+ * Build for multiarch.
+ 
+ [ Julien Cristau ]
+ * Add lintian overrides for symbols-declares-dependency-on-other-package (we use that for private symbols).
+ * Bump Standards-Version to 3.9.2.
+ + -- Julien Cristau <jcristau@debian.org> Thu, 09 Jun 2011 20:05:53 +0200
+ +libdrm (2.4.25-2) unstable; urgency=low
+ + * Upload to unstable.
+ + -- Cyril Brulebois <kibi@debian.org> Mon, 16 May 2011 19:14:49 +0200
+ +libdrm (2.4.25-1) experimental; urgency=low
+ + * New upstream release.
+ + * Update libdrm2.symbols and shlibs.
+ + * Update libkms1.symbols, marking dumb_create@Base as private.
+ + * Switch to dh:
+ + - Bump compat/build-dep to 8.
+ + - Use dh-autoreconf.
+ + - Tidy old build-deps.
+ + - Testsuite now automatically gets run.
+ + * Accordingly, add a build-dep to fix FTBFS during make check:
+ + - 03_build_against_librt.diff
+ + * Add libudev-dev build-dep on Linux so that detection works.
+ + * Since the testsuite just got enabled, let's not bail out if it fails.
+ + * Remove xsfbs as it's no longer needed.
+ + * Bump Standards-Version (no changes needed).
+ + -- Cyril Brulebois <kibi@debian.org> Tue, 19 Apr 2011 02:57:29 +0200
+ +libdrm (2.4.24-2) unstable; urgency=low
+ + * Upload to unstable.
+ + -- Cyril Brulebois <kibi@debian.org> Sun, 10 Apr 2011 22:57:02 +0200
+ +libdrm (2.4.24-1) experimental; urgency=low
+ + [ Christopher James Halse Rogers ]
+ + * New upstream release.
+ + * Add new internal radeon symbols to libkms1.symbols
+ + [ Cyril Brulebois ]
+ + * Just as a reminder, not adding a lintian override for the following
+ + warning, since patches were sent upstream to stop exporting private
+ + symbols: symbols-declares-dependency-on-other-package
+ + -- Cyril Brulebois <kibi@debian.org> Sat, 05 Mar 2011 20:27:23 +0100
+libdrm (2.4.23-3) unstable; urgency=low
+ * Cherry-pick from upstream:
  + - intel: Fallback to old exec if no mrb_exec is available
  + - intel: Set the public handle after opening by name
  + - intel: Remember named bo
  + * The first of those fixes should fix some failures to submit batch
    buffer (Closes: #612766).
  + * Bump dependency to 2.4.23-3 for the drm_intel_bo_mrb_exec symbol in
    libdrm-intel1's symbols file. While the former version is alright
    from a shared object point of view, runtime doesn't seem to agree
    (Closes: #609299).
  + * Bump the libdrm-intel1 shlibs version for consistency.
  +
  + -- Cyril Brulebois <kibi@debian.org>  Wed, 16 Feb 2011 11:44:44 +0100
+
+libdrm (2.4.23-2) unstable; urgency=low
+
+ * Upload to unstable.
  + * Update Uploaders list. Thanks, David & Brice!
  +
  + -- Cyril Brulebois <kibi@debian.org>  Sat, 05 Feb 2011 11:26:44 +0100
+
+libdrm (2.4.23-1) experimental; urgency=low
+
+ [ Sven Joachim ]
  + * New upstream release.
  + * Rename the libdrm-nouveau1 package to libdrm-nouveau1a, since upstream
    broke the ABI without changing the soname.
  + - Make libdrm-nouveau1{,-dbg} conflict with libdrm-nouveau1{,-dbg} and
    remove the Breaks against xserver-xorg-video-nouveau.
  + - Adjust the lintian override.
  + - Bump libdrm-nouveau shlibs and symbols versions to 2.4.23.
  + * Use dh_prep instead of the deprecated dh_clean -k in debian/rules.
  +
  + -- Julien Cristau <jcristau@debian.org>  Thu, 23 Dec 2010 17:56:54 +0100
+
+libdrm (2.4.22-2) experimental; urgency=low
+
+ * Cherry-pick some commits from upstream to make the intel video driver
  + 2.13.901 buildable:
    + - 057fab33: intel: Prepare for BLT ring split
    + - 36245771: intel: enable relaxed fence allocation for i915
    + - 49447a9b: intel: initialize bufmgr.bo_mrb_exec unconditionally
    +
  + -- Cyril Brulebois <kibi@debian.org>  Sun, 07 Nov 2010 22:51:12 +0100
+
+libdrm (2.4.22-1) experimental; urgency=low
+ [ Sven Joachim ]
+ * New upstream release.
+ +-- Cyril Brulebois <kibi@debian.org> Sat, 02 Oct 2010 00:41:05 +0200
+ +libdrm (2.4.21-2) experimental; urgency=low
+ + [ Sven Joachim ]
+ + * Bump libdrm-nouveau shlibs and symbols versions to 2.4.21-1 to ensure
+ * that packages built against this version are not used with squeeze's
+ * libdrm-nouveau1.
+ + * Add a lintian override for the symbols-file-contains-debian-revision
+ * warning. Bump debhelper compatibility level to 6 for dh_lintian.
+ +-- Julien Cristau <jcristau@debian.org> Wed, 25 Aug 2010 23:14:40 +0200
+ +libdrm (2.4.21-1) experimental; urgency=low
+ + [ Christopher James Halse Rogers ]
+ + * debian/rules:
+ * - Add libkms to build
+ * - Build vmwgfx experimental API. The drm module is available in the 2.6.34
+ * kernel so we might as well build the userspace bits.
+ * debian/control:
+ * - Add libkms1, libkms1-dbgs packages on linux
+ * debian/patches/02_build_libkms_against_in_tree_drm:
+ * - Link libkms against libdrm as it uses symbols from libdrm.
+ + [ Robert Hooker ]
+ + * New upstream release.
+ + * Refresh 02_build_libkms_against_in_tree_drm.
+ + * Update libdrm-intel1.symbols, libdrm-radeon1.symbols and shlibs.
+ + [ Julien Cristau ]
+ + * Update the copyright file to hopefully include all licenses variations and
+ * copyright statements from the source tree.
+ + * Mark new libdrm_radeon symbols private. They shouldn't actually be
+ * exported.
+ + * Same with libkms. Also don't set a minimum version to 2.4.20, since we
+ * didn't ship it before anyway.
+ +-- Julien Cristau <jcristau@debian.org> Thu, 10 Jun 2010 23:24:54 +0200
+ +libdrm (2.4.20-3) experimental; urgency=low
+ + [ Sven Joachim ]
+ + * Update libdrm-nouveau1 to the ABI of Linux 2.6.34.
- Drop 03_revert_abi_change.diff.
- Bump libdrm-nouveau shlibs and symbols versions to 2.4.20-3~
  to ensure that packages built against this version are not used
  with an older libdrm-nouveau1 version.
- Add versioned Breaks against xserver-xorg-video-nouveau to force
  an upgrade of that package and prevent X segfaults.
* Include full SONAME in libdrm-nouveau1.install.
* Update xsfbs to 81fc27178605b52e85c2d11635a0371fb44605e0.
+
-- Julien Cristau <jcristau@debian.org> Wed, 26 May 2010 10:33:22 +0200
+
+libdrm (2.4.20-2) experimental; urgency=low
+
+ * Upload again, faking a new upstream version, since a screw-up on
  ftpmaster side trashed all files from experimental.
+
-- Cyril Brulebois <kibi@debian.org> Wed, 28 Apr 2010 01:54:44 +0200
+
+libdrm (2.4.20-1) experimental; urgency=low
+
+ * New upstream release.
  + * Cherry-pick upstream fixes 107ccd92 and 332739e3.
  + * Update libdrm-intel1.symbols, libdrm-radeon1.symbols and shlibs.
  + * Disable libkms for now.
+
-- Brice Goglin <bgoglin@debian.org> Fri, 16 Apr 2010 07:14:41 +0200
+
+libdrm (2.4.18-5) unstable; urgency=low
+
+ * Upload to unstable.
+
-- Cyril Brulebois <kibi@debian.org> Wed, 14 Apr 2010 13:02:34 +0200
+
+libdrm (2.4.18-4) experimental; urgency=low
+
+ * Steal 03_revert_abi_change.diff from Ubuntu to revert the nouveau ABI
  change. Current Debian kernels support only the old ABI.
  + Thanks Sven Joachim!
+ * Build a libdrm-nouveau1 package on Linux architectures (Closes: #568162).
  + Patch adapted from the Ubuntu package. Thanks Sven Joachim!
+
-- Brice Goglin <bgoglin@debian.org> Wed, 24 Mar 2010 22:27:00 +0100
+
+libdrm (2.4.18-3) unstable; urgency=low
+
+ * Include full SONAME in libdrm*.install to prevent accidental breakage.
+ * Add back the drm headers in libdrm-dev.
+ -- Julien Cristau <jcristau@debian.org> Tue, 16 Mar 2010 12:28:50 +0100
+ 
+libdrm (2.4.18-2) unstable; urgency=low
+ 
+ * Fix FTBFS on non-Linux architectures (Closes: #570851): Replace
+   --{enable,disable}-radeon-experimental-api configure flag with
+   --{enable,disable}-radeon since it got renamed.
+ * Add ${misc:Depends} where it was missing, and fold all Depends.
+ * Bump Standards-Version from 3.8.3 to 3.8.4 (no changes needed).
+ * Add myself to Uploaders.
+ 
+ -- Cyril Brulebois <kibi@debian.org> Mon, 22 Feb 2010 15:31:47 +0100
+ 
+libdrm (2.4.18-1) unstable; urgency=low
+ 
+ * New upstream release.
+ 
+ -- Brice Goglin <bgoglin@debian.org> Thu, 18 Feb 2010 08:06:14 +0100
+ 
+libdrm (2.4.17-1) unstable; urgency=low
+ 
+ [ Julien Cristau ]
+ * New upstream release, closes: #560434, #567831.
+ * Update patch 01_default_perms.diff to account for upstream move of libdrm
+   to toplevel.
+ * Update libdrm2.symbols and shlibs.
+ * Update libdrm-intel1.symbols and shlibs.
+ * Bump debhelper build-dep, we use dh_strip --remaining-packages (closes:
+   #558443). Thanks, Sergio Gelato!
+ * Enable libdrm_radeon, interface to kernel graphics memory management on
+   radeon (closes: #558786).
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
+   good reason. Thanks, Colin Watson!
+ * Remove myself from Uploaders
+ 
+ [ Brice Goglin ]
+ * Bump linux-libc-dev dependency to 2.6.32, thanks Piotr Engelking,
+   closes: #561224.
+ * Add libdrm-radeon1 symbols and update shlibs.
+ * Update debian/copyright.
+ 
+ [ Timo Aaltonen ]
+ * Update libdrm2.symbols and shlibs.
+ 
+ -- Brice Goglin <bgoglin@debian.org> Sun, 31 Jan 2010 20:12:38 +0100
+ 
+libdrm (2.4.15-1) unstable; urgency=low
+ 

+ * New upstream release.
+ * Update libdrm-intel1 symbols and shlibs
+ * Only build libdrm-intel on x86 (linux and kfreebsd).
+ +-- Julien Cristau <jcristau@debian.org>  Mon, 23 Nov 2009 17:00:57 +0100
+ +libdrm (2.4.14-1) unstable; urgency=low
+ + * Parse space-separated DEB_BUILD_OPTIONS, and handle parallel=N.
+ + * New upstream release.
+ + * Bump Standards-Version to 3.8.3.
+ +-- Julien Cristau <jcristau@debian.org>  Thu, 24 Sep 2009 21:53:09 +0200
+ +libdrm (2.4.13-1) unstable; urgency=low
+ + [ Christopher James Halse Rogers ]
+ * debian/control:
+ * Remove scary 'built from DRM snapshot' warning from long description of
+ libdrm-intel1{-dbg}
+ + [ Julien Cristau ]
+ * New upstream release.
+ * Update libdrm-intel1.symbols.
+ +-- Julien Cristau <jcristau@debian.org>  Sat, 05 Sep 2009 13:15:36 +0200
+ +libdrm (2.4.12-1) unstable; urgency=low
+ + * New upstream release.
+ +-- Brice Goglin <bgoglin@debian.org>  Tue, 21 Jul 2009 15:29:03 +0200
+ +libdrm (2.4.11-1) unstable; urgency=low
+ + * New upstream release.
+ + * Also pull in additional fix for libdrm-intel: Only do BO caching up to
+ 64MB objects.
+ + * Update libdrm-intel1.symbols and bump shlibs.
+ * Remove Thierry Reding from Uploaders, he doesn't seem to be around anymore
+ :(
+ +-- Julien Cristau <jcristau@debian.org>  Mon, 08 Jun 2009 16:22:04 +0200
+ +libdrm (2.4.9-2) unstable; urgency=low
+ + * Ship all drm headers on kfreebsd, again.
+ * Move -dbg packages to new debug section.
+ 
+ + -- Julien Cristau <jcristau@debian.org>  Sun, 03 May 2009 18:55:42 +0200
+ 
+ * Move -dbg packages to new debug section.
+ * Make the linux-libc-dev dependency linux-only (closes: #521253). Thanks, Petr Salinger!
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+ 
+ * Add drm_mode.h to the list of headers we don't ship.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+ 
+ * New upstream release. (closes: #505740)
+ 
+ + [ Timo Aaltonen ]
+ + * debian/rules:
+ + -Run autoreconf at build time, build-depend on automake and libtool.
+ + (closes: #482727)
+ + -Add a debian/libdrm2.symbols file and `-c4' parameter to dh_makeshlibs
+ + to fail if new symbols are added. Don't use Debian versions for now.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ + - Remove buggy symlinks for the upstream tarball.
+ + * Add myself to Up uploaders.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+ 
+ * Add drm_mode.h to the list of headers we don't ship.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Sun, 03 May 2009 18:55:42 +0200
+ 
+ * Move -dbg packages to new debug section.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ + - Remove buggy symlinks for the upstream tarball.
+ + * Add myself to Up uploaders.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ 
+ + -- Julien Cristau <jcristau@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+ 
+ * New upstream release. (closes: #505740)
+ 
+ + [ Timo Aaltonen ]
+ + * debian/rules:
+ + -Run autoreconf at build time, build-depend on automake and libtool.
+ + (closes: #482727)
+ + -Add a debian/libdrm2.symbols file and `-c4' parameter to dh_makeshlibs
+ + to fail if new symbols are added. Don't use Debian versions for now.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ + - Remove buggy symlinks for the upstream tarball.
+ + * Add myself to Up uploaders.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+ 
+ * Add drm_mode.h to the list of headers we don't ship.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+ 
+ * New upstream release. (closes: #505740)
+ 
+ + [ Timo Aaltonen ]
+ + * debian/rules:
+ + -Run autoreconf at build time, build-depend on automake and libtool.
+ + (closes: #482727)
+ + -Add a debian/libdrm2.symbols file and `-c4' parameter to dh_makeshlibs
+ + to fail if new symbols are added. Don't use Debian versions for now.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ + - Remove buggy symlinks for the upstream tarball.
+ + * Add myself to Up uploaders.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ 
+ + -- Julien Cristau <jcristau@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+ 
+ * New upstream release. (closes: #505740)
+ 
+ + [ Timo Aaltonen ]
+ + * debian/rules:
+ + -Run autoreconf at build time, build-depend on automake and libtool.
+ + (closes: #482727)
+ + -Add a debian/libdrm2.symbols file and `-c4' parameter to dh_makeshlibs
+ + to fail if new symbols are added. Don't use Debian versions for now.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ + - Remove buggy symlinks for the upstream tarball.
+ + * Add myself to Up uploaders.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+ 
+ * Add drm_mode.h to the list of headers we don't ship.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Wed, 25 Mar 2009 10:56:53 +0100
+ 
+ * New upstream release. (closes: #505740)
+ 
+ + [ Timo Aaltonen ]
+ + * debian/rules:
+ + -Run autoreconf at build time, build-depend on automake and libtool.
+ + (closes: #482727)
+ + -Add a debian/libdrm2.symbols file and `-c4' parameter to dh_makeshlibs
+ + to fail if new symbols are added. Don't use Debian versions for now.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ + - Remove buggy symlinks for the upstream tarball.
+ + * Add myself to Up uploaders.
+ 
+ + [ Brice Goglin ]
+ + * New upstream release.
+ 
+ + -- Brice Goglin <bgoglin@debian.org>  Sat, 11 Apr 2009 23:12:49 +0200
+ 
+ * Add drm_mode.h to the list of headers we don't ship.
+libdrm (2.3.1-2) unstable; urgency=high
+
+ * Remove from the source package a bunch of files that are only used by the
+    kernel drm component. This gets rid of the mga, r128 and radeon
+    microcode, and thus closes: #502675. Thanks, Ben Hutchings!
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 19 Oct 2008 14:26:37 +0200
+
+libdrm (2.3.1-1) unstable; urgency=low
+
+ [ Brice Goglin ]
+ * Update upstream URL in debian/copyright.
+ * Bump Standards-Version to 3.7.3 (no changes).
+ * Drop the XS-prefix from Vcs-Git and Vcs-Browser fields in debian/control.
+ * Install the upstream ChangeLog.
+
+ [ Julien Cristau ]
+ * New upstream release (needed for mesa 7.1 and newer xserver).
+ * Note: this release removes the memory manager (TTM) interface used by the
+    i915tex dri driver.
+ * debian/rules: don't call configure with --host if we're not
+    cross-building, and fix some rules dependencies.
+
+ [ Timo Aaltonen ]
+ * Bump the shlibs to 2.3.1.
+
+ -- Julien Cristau <jcristau@debian.org>  Sun, 13 Jul 2008 19:07:49 +0200
+
+libdrm (2.3.0-4) unstable; urgency=low
+
+ [ David Nusinow ]
+ * Add NEWS.Debian explaining the change in the last upload to interested
+    administrators.
+
+ [ Julien Cristau ]
+ * Upload to unstable.
+
+ -- Julien Cristau <jcristau@debian.org>  Fri, 20 Apr 2007 05:06:34 +0200
+
+libdrm (2.3.0-3) experimental; urgency=low
+
+ * Add myself to uploaders
+ * Patch libdrm to default to device permission 666 so we don't have to do it
+    in xorg.conf. The only way libdrm can do anything is through the server
+    anyway. This can still be overridden by a user's xorg.conf. This change
+    also requires adding quilt to the build-dependents
+
+ -- David Nusinow <dnusinow@debian.org>  Sun, 15 Apr 2007 13:08:50 -0400
+ libdrm (2.3.0-2) unstable; urgency=low
+
+ * Update my email address in debian/control.
+ * Add XS-Vcs-Git and XS-Vcs-Browser in debian/control.
+ * Upload to unstable.
+
+ -- Julien Cristau <jcristau@debian.org>  Thu, 12 Apr 2007 19:06:57 +0200
+
+libdrm (2.3.0-1) experimental; urgency=low
+
+ [ Thierry Reding ]
+ * New upstream release.
+ * Set the Debian X Strike Force as maintainer.
+ * Add myself to uploaders.
+ * Add a debugging symbol package for libdrm2.
+
+ -- Julien Cristau <julien.cristau@ens-lyon.org>  Thu,  4 Jan 2007 18:56:08 +0100
+
+libdrm (2.2.0-0.1) experimental; urgency=low
+
+ * Non-maintainer upload.
+ * New upstream release.
+ * Bump Standards-Version to 3.7.2, no changes required.
+ * Bump debhelper compatibility to 5 and adjust build-dependency.
+ * Don't try to install pkgconfig files from /usr/share/pkgconfig because
  there is nothing in that directory.
+
+ -- Thierry Reding <thierry@gilfi.de>  Sat, 18 Nov 2006 19:50:26 +0100
+
+libdrm (2.0.2-0.1) unstable; urgency=low
+
+ * Non-maintainer upload.
+ * New upstream release (closes: #377166).
+ * Includes a fix for FTBFS on GNU/kFreeBSD (closes: #332994).
+ * Manually force static build.
+
+ -- Andres Salomon <dilinger@debian.org>  Sat, 23 Sep 2006 06:32:23 +0000
+
+libdrm (2.0.1-1) unstable; urgency=high
New upstream release
- Fixes a pathological hash table smash discovered by the Coverity scanner
- updates the installed header files for various new #defines

-- David Nusinow <dnusinow@debian.org>  Tue,  4 Apr 2006 23:46:05 -0400
+ libdrm (2.0-1) experimental; urgency=low
+ * First upload to Debian
+ -- David Nusinow <dnusinow@debian.org>  Thu,  5 Jan 2006 22:45:27 -0500
+ libdrm (2.0-0ubuntu1) dapper; urgency=low
+ * New upstream release.
+ * Change binary package from libdrm1 to libdrm2, following soversion bump.
+ -- Daniel Stone <daniel.stone@ubuntu.com>  Mon, 12 Dec 2005 13:05:22 +1100
+ libdrm (1.0.5-0ubuntu1) dapper; urgency=low
+ * New upstream version.
+ -- Daniel Stone <daniel.stone@ubuntu.com>  Wed,  2 Nov 2005 01:56:07 +1100
+ libdrm (1.0.3-3) unstable; urgency=low
+ * Yay for understandable bug reports! *gmprf*
+ * debian/control:libdrm1 =~ s/development/runtime/ (closes: bug#325515)
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 16 Sep 2005 09:46:05 -0600
+ libdrm (1.0.3-2) unstable; urgency=low
+ * libdrm.pc.in: add -ldrm to Libs
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Thu, 08 Sep 2005 20:49:01 -0600
+ libdrm (1.0.3-1) unstable; urgency=low
+ * New upstream
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Sun, 28 Aug 2005 11:12:07 -0600
+ libdrm (1.0.2-3) unstable; urgency=low
+ * debian/control: it's "Direct Rendering Infrastructure". I was rather
+ sure it stand for interface... thanks Michel. (closes: bug#324514)
+ * debian/control: forgot to actually write this in the file. Build-Depends
+ on libx11-dev. Thanks Kurt (closes: bug#324560)
+
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Sun, 28 Aug 2005 11:01:41 -0600
+
+libdrm (1.0.2-2) unstable; urgency=low
+
+ * Forgot to fix the other broken bit :-P
+
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 19 Aug 2005 22:01:32 -0600
+
+libdrm (1.0.2-1) unstable; urgency=low
+
+ * Initial release. Closes: #324074
+
+ -- Marcelo E. Magallon <mmagallo@debian.org>  Fri, 19 Aug 2005 21:11:18 -0600
+
--- libdrm-2.4.97.orig/debian/compat
+++ libdrm-2.4.97/debian/compat
@@ -0,0 +1 @@
+11
--- libdrm-2.4.97.orig/debian/control
+++ libdrm-2.4.97/debian/control
@@ -0,0 +1,213 @@
+Source: libdrm
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Uploaders: Andreas Boll <aboll@debian.org>
+Build-Depends:
+  debhelper (>= 11),
+  meson,
+  quilt,
+  xsltproc,
+  docbook-xsl,
+  libx11-dev,
+  pkg-config,
+  xutils-dev (>= 1:7.6+2),
+  libudev-dev [linux-any],
+  libpciaccess-dev,
+  valgrind [amd64 armhf i386 mips mipsel powerpc s390x],
+Standards-Version: 4.1.4
+Section: libs
+Vcs-Git: https://salsa.debian.org/xorg-team/lib/libdrm
+Vcs-Browser: https://salsa.debian.org/xorg-team/lib/libdrm
+Homepage: https://cgit.freedesktop.org/mesa/drm/
+
+Package: libdrm-dev
Section: libdevel
+Architecture: linux-any kfreebsd-any
+Depends:
+ libdrm2 (=${binary:Version}),
+ libdrm-intel1 (=${binary:Version}) [amd64 i386 kfreebsd-amd64 kfreebsd-i386 x32],
+ libdrm-radeon1 (=${binary:Version}),
+ libdrm-nouveau2 (=${binary:Version}) [linux-any],
+ libdrm-amdgpu1 (=${binary:Version}),
+ libdrm-omap1 (=${binary:Version}) [any-arm],
+ libdrm-freedreno1 (=${binary:Version}) [any-arm arm64],
+ libdrm-exynos1 (=${binary:Version}) [any-arm],
+ libdrm-tegra0 (=${binary:Version}) [any-arm arm64],
+ libdrm-etnaviv1 (=${binary:Version}) [armhf arm64],
+ ${misc:Depends},
+Multi-Arch: same
+Description: Userspace interface to kernel DRM services -- development files
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+.
+ This package provides the development environment for libdrm.
+
+Package: libdrm2
+Architecture: linux-any kfreebsd-any
+Depends:
+ libdrm-common (>=${source:Version}),
+ ${shlibs:Depends},
+ ${misc:Depends},
+Multi-Arch: same
+Pre-Depends: ${misc:Pre-Depends}
+Description: Userspace interface to kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+.
+ This package provides the runtime environment for libdrm.
+
+Package: libdrm-common
+Architecture: all
+Depends:
+ ${misc:Depends},
+Multi-Arch: foreign
+Pre-Depends: ${misc:Pre-Depends}
+Description: Userspace interface to kernel DRM services -- common files
This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

This package provides common files for libdrm.

Package: libdrm2-udeb
Package-Type: udeb
Section: debian-installer
Architecture: linux-any kfreebsd-any
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
Description: Userspace interface to kernel DRM services -- runtime
This is a udeb, or a microdeb, for the debian-installer.

Package: libdrm-intel1
Architecture: amd64 i386 kfreebsd-amd64 kfreebsd-i386 x32
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
Multi-Arch: same
Description: Userspace interface to intel-specific kernel DRM services -- runtime
This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

Package: libdrm-nouveau2
Architecture: linux-any
Depends: ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
Multi-Arch: same
Description: Userspace interface to nouveau-specific kernel DRM services -- runtime
This library implements the userspace interface to the kernel DRM services. DRM stands for "Direct Rendering Manager", which is the kernelspace portion of the "Direct Rendering Infrastructure" (DRI). The DRI is currently used on Linux to provide hardware-accelerated OpenGL drivers.

Package: libdrm-radeon1
Architecture: linux-any kfreebsd-any
Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to radeon-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-omap1
+Architecture: any-arm
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to omap-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-freedreno1
+Architecture: any-arm arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to msm/kgsl kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the
+ kernelspace portion of the "Direct Rendering Infrastructure" (DRI).
+ The DRI is currently used on Linux to provide hardware-accelerated
+ OpenGL drivers.
+
+Package: libdrm-exynos1
+Architecture: any-arm
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to exynos-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM
+ services. DRM stands for "Direct Rendering Manager", which is the + kernelspace portion of the "Direct Rendering Infrastructure" (DRI). + The DRI is currently used on Linux to provide hardware-accelerated + OpenGL drivers.
+
+Package: libdrm-tegra0
+Architecture: any-arm arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to tegra-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM + services. DRM stands for "Direct Rendering Manager", which is the + kernelspace portion of the "Direct Rendering Infrastructure" (DRI). + The DRI is currently used on Linux to provide hardware-accelerated + OpenGL drivers.
+
+Package: libdrm-amdgpu1
+Architecture: linux-any kfreebsd-any
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to amdgpu-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM + services. DRM stands for "Direct Rendering Manager", which is the + kernelspace portion of the "Direct Rendering Infrastructure" (DRI). + The DRI is currently used on Linux to provide hardware-accelerated + OpenGL drivers.
+
+Package: libdrm-etnaviv1
+Architecture: armhf arm64
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+Pre-Depends: ${misc:Pre-Depends}
+Multi-Arch: same
+Description: Userspace interface to etnaviv-specific kernel DRM services -- runtime
+ This library implements the userspace interface to the kernel DRM + services. DRM stands for "Direct Rendering Manager", which is the + kernelspace portion of the "Direct Rendering Infrastructure" (DRI). + The DRI is currently used on Linux to provide hardware-accelerated + OpenGL drivers.

--- libdrm-2.4.97.orig/debian/copyright
+++ libdrm-2.4.97/debian/copyright
This package was downloaded from https://dri.freedesktop.org/libdrm/

It was debianized by Marcelo E. Magallon <mmagallo@debian.org> on Fri, 19 Aug 2005 21:11:18 -0600.

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--- libdrm-2.4.97.orig/debian/libdrm-amdgpu1.install
+++ libdrm-2.4.97/debian/libdrm-amdgpu1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_amdgpu.so.1*

--- libdrm-2.4.97.orig/debian/libdrm-amdgpu1.symbols
+++ libdrm-2.4.97/debian/libdrm-amdgpu1.symbols
@@ -0,0 +1,66 @@
+libdrm_amdgpu.so.1 libdrm-amdgpu1 #MINVER#
+amdgpu_bo_alloc@Base 2.4.63
+amdgpu_bo_cpu_map@Base 2.4.63
+amdgpu_bo_cpu_unmap@Base 2.4.63
+amdgpu_bo_export@Base 2.4.63
+amdgpu_bo_free@Base 2.4.63
+amdgpu_bo_import@Base 2.4.63
+amdgpu_bo_inc_ref@Base 2.4.95
+amdgpu_bo_list_create@Base 2.4.63
+amdgpu_bo_list_create_raw@Base 2.4.97
+amdgpu_bo_list_destroy@Base 2.4.63

Open Source Used In CloudCenter Suite Admin 5.3.0 26888
+ amdgpu_query_sw_info@Base 2.4.90
+ amdgpu_read_mmm_registers@Base 2.4.63
+ amdgpu_va_range_alloc@Base 2.4.63
+ amdgpu_va_range_free@Base 2.4.63
+ amdgpu_va_range_query@Base 2.4.63
+ amdgpu_vm_reserve_vmid@Base 2.4.88
+ amdgpu_vm_unreserve_vmid@Base 2.4.88
--- libdrm-2.4.97.orig/debian/libdrm-common.install
+++ libdrm-2.4.97/debian/libdrm-common.install
@@ -0,0 +1 @@
+usr/share/libdrm/amdgpu.ids
--- libdrm-2.4.97.orig/debian/libdrm-dev.install
+++ libdrm-2.4.97/debian/libdrm-dev.install
@@ -0,0 +1,5 @@
+usr/include/*
+usr/lib/*/lib*.so
+usr/lib/*/pkgconfig/*
+usr/share/man/man3/*
+usr/share/man/man7/*
--- libdrm-2.4.97.orig/debian/libdrm-etnaviv1.install
+++ libdrm-2.4.97/debian/libdrm-etnaviv1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_etnaviv.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-etnaviv1.symbols
+++ libdrm-2.4.97/debian/libdrm-etnaviv1.symbols
@@ -0,0 +1,37 @@
+libdrm_etnaviv.so.1 libdrm-etnaviv1 #MINVER#
+ etna_bo_cpu_fini@Base 0
+ etna_bo_cpu_prep@Base 0
+ etna_bo_del@Base 0
+ etna_bo_dmabuf@Base 0
+ etna_bo_from_dmabuf@Base 0
+ etna_bo_from_name@Base 0
+ etna_bo_get_name@Base 0
+ etna_bo_handle@Base 0
+ etna_bo_map@Base 0
+ etna_bo_new@Base 0
+ etna_bo_ref@Base 0
+ etna_bo_size@Base 0
+ etna_cmd_stream_del@Base 0
+ etna_cmd_stream_finish@Base 0
+ etna_cmd_stream_flush2@Base 2.4.80
+ etna_cmd_stream_flush@Base 0
+ etna_cmd_stream_new@Base 0
+ etna_cmd_stream_perf@Base 2.4.89
+ etna_cmd_stream_reloc@Base 0
+ etna_cmd_stream_timestamp@Base 0
+ etna_device_del@Base 0
+ etna_device_fd@Base 0
+ etna_device_new@Base 0
+ etna_device_new_dup@Base 0
+ etna_device_ref@Base 0
+ etna_gpu_del@Base 0
+ etna_gpu_get_param@Base 0
+ etna_gpu_new@Base 0
+ etna_perfmon_create@Base 2.4.89
+ etna_perfmon_del@Base 2.4.89
+ etna_perfmon_get_dom_by_name@Base 2.4.89
+ etna_perfmon_get_sig_by_name@Base 2.4.89
+ etna_pipe_del@Base 0
+ etna_pipe_new@Base 0
+ etna_pipe_wait@Base 0
+ etna_pipe_wait_ns@Base 0

--- libdrm-2.4.97.orig/debian/libdrm-exynos1.install
+++ libdrm-2.4.97/debian/libdrm-exynos1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_exynos.so.1* 
--- libdrm-2.4.97.orig/debian/libdrm-exynos1.symbols
+++ libdrm-2.4.97/debian/libdrm-exynos1.symbols
@@ -0,0 +1,24 @@
+libdrm_exynos.so.1 libdrm-exynos1 #MINVER#
+exynos_bo_create@Base 0
+exynos_bo_destroy@Base 0
+exynos_bo_from_name@Base 0
+exynos_bo_get_info@Base 0
+exynos_bo_get_name@Base 0
+exynos_bo_handle@Base 0
+exynos_bo_map@Base 0
+exynos_device_create@Base 0
+exynos_device_destroy@Base 0
+exynos_handle_event@Base 2.4.66
+exynos_prime_fd_to_handle@Base 0
+exynos_prime_handle_to_fd@Base 0
+exynos_vidi_connection@Base 0
+g2d_blend@Base 0
+g2d_config_event@Base 2.4.66
+g2d_copy@Base 0
+g2d_copy_with_scale@Base 0
+g2d_exec@Base 0
+g2d_fini@Base 0
+g2d_init@Base 0
+g2d_move@Base 2.4.66
+g2d_scale_and_blend@Base 2.4.60
+g2d_solid_fill@Base 0

--- libdrm-2.4.97.orig/debian/libdrm-freedreno1.install
+++ libdrm-2.4.97/debian/libdrm-freedreno1.install

--- libdrm-2.4.97.orig/debian/libdrm-exynos1.symbols
+++ libdrm-2.4.97/debian/libdrm-exynos1.symbols
@@ -0,0 +1,24 @@
+libdrm_exynos.so.1 libdrm-exynos1 #MINVER#
+usr/lib/*/libdrm_freedreno.so.1*

--- libdrm-2.4.97.orig/debian/libdrm-freedreno1.symbols
+++ libdrm-2.4.97/debian/libdrm-freedreno1.symbols
@@ -0,0 +1 @@
+libdrm_freedreno.so.1 libdrm-freedreno1 #MINVER#
 + fd_bo_cpu_fini@Base 0
 + fd_bo_cpu_prep@Base 0
 + fd_bo_del@Base 0
 + fd_bo_dmabuf@Base 2.4.57
 + fd_bo_from_dmabuf@Base 2.4.57
 + fd_bo_from_fbddev@Base 0
 + fd_bo_from_handle@Base 0
 + fd_bo_from_name@Base 0
 + fd_bo_get_iova@Base 2.4.91
 + fd_bo_get_name@Base 0
 + fd_bo_handle@Base 0
 + fd_bo_map@Base 0
 + fd_bo_new@Base 0
 + fd_bo_put_iova@Base 2.4.91
 + fd_bo_ref@Base 0
 + fd_bo_size@Base 0
 + fd_device_del@Base 0
 + fd_device_fd@Base 2.4.65
 + fd_device_new@Base 0
 + fd_device_new_dup@Base 0
 + fd_device_ref@Base 0
 + fd_device_version@Base 2.4.70
 + fd_pipe_del@Base 0
 + fd_pipe_get_param@Base 0
 + fd_pipe_new2@Base 2.4.89
 + fd_pipe_new@Base 0
 + fd_pipe_ref@Base 2.4.92
 + fd_pipe_wait@Base 0
 + fd_pipe_wait_timeout@Base 2.4.64
 + fd_ringbuffer_cmd_count@Base 2.4.70
 + fd_ringbuffer_del@Base 0
 + fd_ringbuffer_emit_reloc_ring_full@Base 2.4.70
 + fd_ringbuffer_flush2@Base 2.4.73
 + fd_ringbuffer_flush@Base 0
 + fd_ringbuffer_grow@Base 2.4.70
 + fd_ringbuffer_new@Base 0
 + fd_ringbuffer_new_flags@Base 2.4.97
 + fd_ringbuffer_new_object@Base 2.4.93
 + fd_ringbuffer_ref@Base 2.4.97
 + fd_ringbuffer_reloc2@Base 2.4.74
 + fd_ringbuffer_reloc@Base 0
 + fd_ringbuffer_reset@Base 0
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+ fd_ringbuffer_set_parent@Base 0
+ fd_ringbuffer_size@Base 2.4.93
+ fd_ringbuffer_timestamp@Base 0
--- libdrm-2.4.97.orig/debian/libdrm-intel1.install
+++ libdrm-2.4.97/debian/libdrm-intel1.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_intel.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-intel1.symbols
+++ libdrm-2.4.97/debian/libdrm-intel1.symbols
@@ -0,0 +1,84 @@
+libdrm_intel.so.1 libdrm-intel1 #MINVER#
+ drm_intel_bo_alloc@Base 2.4.1
+ drm_intel_bo_alloc_for_render@Base 2.4.5
+ drm_intel_bo_alloc_tiled@Base 2.4.15
+ drm_intel_bo_alloc Userptr@Base 2.4.57
+ drm_intel_bo_busy@Base 2.4.13
+ drm_intel_bo_disable_reuse@Base 2.4.10
+ drm_intel_bo_emit_reloc@Base 2.4.1
+ drm_intel_bo_emit_reloc_fence@Base 2.4.20
+ drm_intel_bo_exec@Base 2.4.1
+ drm_intel_bo_fake_alloc_static@Base 2.4.1
+ drm_intel_bo_fake_disable_backing_store@Base 2.4.1
+ drm_intel_bo_flink@Base 2.4.1
+ drm_intel_bo_gem_create_from_name@Base 2.4.1
+ drm_intel_bo_gem_create_from_prime@Base 2.4.38
+ drm_intel_bo_gem_export_to_prime@Base 2.4.38
+ drm_intel_bo_get_subdata@Base 2.4.1
+ drm_intel_bo_get_tiling@Base 2.4.1
+ drm_intel_bo_is_reusable@Base 2.4.21
+ drm_intel_bo_madvise@Base 2.4.16
+ drm_intel_bo_map@Base 2.4.1
+ drm_intel_bo_mrb_exec@Base 2.4.23-3~
+ drm_intel_bo_pin@Base 2.4.1
+ drm_intel_bo_reference@Base 2.4.1
+ drm_intel_bo_references@Base 2.4.15
+ drm_intel_bo_set softpin_offset@Base 2.4.66
+ drm_intel_bo_set_tiling@Base 2.4.1
+ drm_intel_bo_subdata@Base 2.4.1
+ drm_intel_bo_unmap@Base 2.4.1
+ drm_intel_bo_unpin@Base 2.4.1
+ drm_intel_bo_unreference@Base 2.4.1
+ drm_intel_bo_use 48b_address_range@Base 2.4.66
+ drm_intel_bo_wait rendering@Base 2.4.1
+ drm_intel_bufmgr_check aperture space@Base 2.4.1
+ drm_intel_bufmgr_destroy@Base 2.4.1
+ drm_intel_bufmgr_fake contended lock take@Base 2.4.1
+ drm_intel_bufmgr_fake evict all@Base 2.4.1
+ drm_intel_bufmgr_fake init@Base 2.4.1
+ nouveau_pushbuf_reloc@Base 2.4.34
+ nouveau_pushbuf_space@Base 2.4.34
+ nouveau_pushbuf_validate@Base 2.4.34
+ nouveau_setparam@Base 2.4.34
--- libdrm-2.4.97.orig/debian/libdrm-omap1.install
+++ libdrm-2.4.97/debian/libdrm-omap1.install
@@ -0,0 +1 @@
+usr/lib/*/*libdrm_omap.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-omap1.symbols
+++ libdrm-2.4.97/debian/libdrm-omap1.symbols
@@ -0,0 +1,19 @@
+libdrm_omap.so.1 libdrm-omap1 #MINVER#
+ omap_bo_cpu_fini@Base 2.4.33
+ omap_bo_cpu_prep@Base 2.4.33
+ omap_bo_del@Base 2.4.33
+ omap_bo_dmbuf@Base 2.4.34
+ omap_bo_from_dmbuf@Base 2.4.38
+ omap_bo_from_name@Base 2.4.33
+ omap_bo_get_name@Base 2.4.33
+ omap_bo_handle@Base 2.4.33
+ omap_bo_map@Base 2.4.33
+ omap_bo_new@Base 2.4.33
+ omap_bo_new_tiled@Base 2.4.33
+ omap_bo_ref@Base 2.4.38
+ omap_bo_size@Base 2.4.33
+ omap_device_del@Base 2.4.33
+ omap_device_new@Base 2.4.33
+ omap_device_ref@Base 2.4.38
+ omap_get_param@Base 2.4.33
+ omap_set_param@Base 2.4.33
--- libdrm-2.4.97.orig/debian/libdrm-radeon1.install
+++ libdrm-2.4.97/debian/libdrm-radeon1.install
@@ -0,0 +1 @@
+usr/lib/*/*libdrm_radeon.so.1*
--- libdrm-2.4.97.orig/debian/libdrm-radeon1.symbols
+++ libdrm-2.4.97/debian/libdrm-radeon1.symbols
@@ -0,0 +1,45 @@
+libdrm_radeon.so.1 libdrm-radeon1 #MINVER#
+ radeon_bo_debug@Base 2.4.17
+ radeon_bo_get_handle@Base 2.4.17
+ radeon_bo_get_src_domain@Base 2.4.17
+ radeon_bo_get_tiling@Base 2.4.17
+ radeon_bo_is_busy@Base 2.4.17
+ radeon_bo_is_referenced_by_cs@Base 2.4.17
+ radeon_bo_is_static@Base 2.4.17
+ radeon_bo_manager_gem_ctor@Base 2.4.17
+ radeon_bo_manager_gem_dtor@Base 2.4.17
+ radeon_bo_map@Base 2.4.17
+ radeon_bo_open@Base 2.4.17
+ radeon_bo_ref@Base 2.4.17
+ radeon_bo_set_tiling@Base 2.4.17
+ radeon_bo_unmap@Base 2.4.17
+ radeon_bo_unref@Base 2.4.17
+ radeon_bo_wait@Base 2.4.17
+ radeon_cs_begin@Base 2.4.17
+ radeon_cs_create@Base 2.4.17
+ radeon_cs_destroy@Base 2.4.17
+ radeon_cs_emit@Base 2.4.17
+ radeon_cs_end@Base 2.4.17
+ radeon_cs_erase@Base 2.4.17
+ radeon_cs_get_id@Base 2.4.20
+ radeon_cs_manager_gem_ctor@Base 2.4.17
+ radeon_cs_manager_gem_dtor@Base 2.4.17
+ radeon_cs_need_flush@Base 2.4.17
+ radeon_cs_print@Base 2.4.17
+ radeon_cs_set_limit@Base 2.4.17
+ radeon_cs_space_add_persistent_bo@Base 2.4.17
+ radeon_cs_space_check@Base 2.4.17
+ radeon_cs_space_check_with_bo@Base 2.4.17
+ radeon_cs_space_reset_bos@Base 2.4.17
+ radeon_gem_bo_open_prime@Base 2.4.39
+ radeon_gem_get_kernel_name@Base 2.4.17
+ radeon_gem_get_reloc_in_cs@Base 2.4.20
+ radeon_gem_name_bo@Base 2.4.17
+ radeon_gem_prime_share_bo@Base 2.4.39
+ radeon_gem_set_domain@Base 2.4.17
+ radeon_surface_best@Base 2.4.31
+ radeon_surface_init@Base 2.4.31
+ radeon_surface_manager_free@Base 2.4.31
+ radeon_surface_manager_new@Base 2.4.31
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.install
+++ libdrm-2.4.97/debian/libdrm-tegra0.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm_tegra.so.0*
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.symbols
+++ libdrm-2.4.97/debian/libdrm-tegra0.symbols
@@ -0,0 +1,15 @@
+libdrm_tegra.so.0 libdrm-tegra0 #MINVER#
@ @ -0,0 +1 @ @
+usr/lib/*libdrm_tegra.so.0*
--- libdrm-2.4.97.orig/debian/libdrm-tegra0.symbols
+++ libdrm-2.4.97/debian/libdrm-tegra0.symbols
@@ -0,0 +1,15 @@
+libdrm_tegra.so.0 libdrm-tegra0 #MINVER#
+drm_tegra_bo_get_flags@Base 0
+drm_tegra_bo_get_handle@Base 0
+drm_tegra_bo_get_tiling@Base 0
+drm_tegra_bo_map@Base 0
+drm_tegra_bo_new@Base 0
+drm_tegra_bo_ref@Base 0
+ drm_tegra_bo_set_flags@Base 0
+ drm_tegra_bo_set_tiling@Base 0
+ drm_tegra_bo_unmap@Base 0
+ drm_tegra_bo_unref@Base 0
+ drm_tegra_bo_wrap@Base 0
+ drm_tegra_close@Base 0
+ drm_tegra_new@Base 0
+
--- libdrm-2.4.97.orig/debian/libdrm2-udeb.install
+++ libdrm-2.4.97/debian/libdrm2-udeb.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm.so.2*
--- libdrm-2.4.97.orig/debian/libdrm2.NEWS
+++ libdrm-2.4.97/debian/libdrm2.NEWS
@@ -0,0 +1,8 @@
+libdrm (2.3.0-4) experimental; urgency=low
+
+ * We are now shipping libdrm with the default permissions set to 666,
+ rather than the upstream default of 660. If you have untrusted users,
+ you should configure the X server to explicitly use a mode of 660 in
+ the xorg.conf.
+
+ -- David Nusinow <dnusinow@debian.org>  Wed, 18 Apr 2007 22:44:21 -0400
--- libdrm-2.4.97.orig/debian/libdrm2.install
+++ libdrm-2.4.97/debian/libdrm2.install
@@ -0,0 +1 @@
+usr/lib/*/libdrm.so.2*
--- libdrm-2.4.97.orig/debian/libdrm2.symbols
+++ libdrm-2.4.97/debian/libdrm2.symbols
@@ -0,0 +1,190 @@
+libdrm.so.2 libdrm2 #MINVER#
+ drmAddBufs@Base 2.3.1
+ drmAddContextPrivateMapping@Base 2.3.1
+ drmAddContextTag@Base 2.3.1
+ drmAddMap@Base 2.3.1
+ drmAgpAcquire@Base 2.3.1
+ drmAgpAlloc@Base 2.3.1
+ drmAgpBase@Base 2.3.1
+ drmAgpBind@Base 2.3.1
+ drmAgpDeviceId@Base 2.3.1
+ drmAgpEnable@Base 2.3.1
+ drmAgpFree@Base 2.3.1
+ drmAgpGetMode@Base 2.3.1
+ drmAgpMemoryAvail@Base 2.3.1
+ drmAgpMemoryUsed@Base 2.3.1
+ drmAgpRelease@Base 2.3.1
+ drmAgpSize@Base 2.3.1
+ drmAgpUnbind@Base 2.3.1
+ drmAgpVendorId@Base 2.3.1
+ drmAgpVersionMajor@Base 2.3.1
+ drmAgpVersionMinor@Base 2.3.1
+ drmAuthMagic@Base 2.3.1
+ drmAvailable@Base 2.3.1
+ drmCheckModesettingSupported@Base 2.4.3
+ drmClose@Base 2.3.1
+ drmCloseOnce@Base 2.3.1
+ drmCommandNone@Base 2.3.1
+ drmCommandRead@Base 2.3.1
+ drmCommandWrite@Base 2.3.1
+ drmCommandWriteRead@Base 2.3.1
+ drmCreateContext@Base 2.3.1
+ drmCreateDrawable@Base 2.3.1
+ drmCrtcGetSequence@Base 2.4.89
+ drmCrtcQueueSequence@Base 2.4.89
+ drmCtlInstHandler@Base 2.3.1
+ drmCtlUninstHandler@Base 2.3.1
+ drmDMA@Base 2.3.1
+ drmDelContextTag@Base 2.3.1
+ drmDestroyContext@Base 2.3.1
+ drmDestroyDrawable@Base 2.3.1
+ drmDevicesEqual@Base 2.4.81
+ drmDropMaster@Base 2.4.3
+ drmError@Base 2.3.1
+ drmFinish@Base 2.3.1
+ drmFree@Base 2.3.1
+ drmFreeBufs@Base 2.3.1
+ drmFreeBusid@Base 2.3.1
+ drmFreeDevice@Base 2.4.66
+ drmFreeDevices@Base 2.4.65
+ drmFreeReservedContextList@Base 2.3.1
+ drmFreeVersion@Base 2.3.1
+ drmGetBufInfo@Base 2.3.1
+ drmGetBusid@Base 2.3.1
+ drmGetCap@Base 2.4.25
+ drmGetClient@Base 2.3.1
+ drmGetContextFlags@Base 2.3.1
+ drmGetContextPrivateMapping@Base 2.3.1
+ drmGetContextTag@Base 2.3.1
+ drmGetDevice2@Base 2.4.75
+ drmGetDevice@Base 2.4.66
+ drmGetDeviceNameFromFd2@Base 2.4.74
+ drmGetDeviceNameFromFd@Base 2.4.16
+ drmGetDevices2@Base 2.4.75
+ drmGetDevices@Base 2.4.65
+ drmGetEntry@Base 2.3.1
+ drmGetHashTable@Base 2.3.1
+ drmGetInterrruptFromBusID@Base 2.3.1
+ drmGetLibVersion@Base 2.3.1
+ drmGetLock@Base 2.3.1
+ drmGetMagic@Base 2.3.1
+ drmGetMap@Base 2.3.1
+ drmGetNodeTypeFromFd@Base 2.4.60
+ drmGetPrimaryDeviceNameFromFd@Base 2.4.60
+ drmGetRenderDeviceNameFromFd@Base 2.4.60
+ drmGetReservedContextList@Base 2.3.1
+ drmGetStats@Base 2.3.1
+ drmGetVersion@Base 2.3.1
+ drmHandleEvent@Base 2.4.16
+ drmHashCreate@Base 2.3.1
+ drmHashDelete@Base 2.3.1
+ drmHashDestroy@Base 2.3.1
+ drmHashFirst@Base 2.3.1
+ drmHashInsert@Base 2.3.1
+ drmHashLookup@Base 2.3.1
+ drmHashNext@Base 2.3.1
+drmIoctl@Base 2.4.3
+ drmMalloc@Base 2.3.1
+ drmMap@Base 2.3.1
+ drmMapBufs@Base 2.3.1
+ drmMarkBufs@Base 2.3.1
+ drmModeAddFB2@Base 2.4.30
+ drmModeAddFB2WithModifiers@Base 2.4.71
+ drmModeAddFB@Base 2.4.3
+ drmModeAtomicAddProperty@Base 2.4.62
+ drmModeAtomicAlloc@Base 2.4.62
+ drmModeAtomicCommit@Base 2.4.62
+ drmModeAtomicDuplicate@Base 2.4.62
+ drmModeAtomicFree@Base 2.4.62
+ drmModeAtomicGetCursor@Base 2.4.62
+ drmModeAtomicMerge@Base 2.4.62
+ drmModeAtomicSetCursor@Base 2.4.62
+ drmModeAttachMode@Base 2.4.3
+ drmModeConnectorSetProperty@Base 2.4.3
+ drmModeCreateLease@Base 2.4.89
+ drmModeCreatePropertyBlob@Base 2.4.62
+ drmModeCrtcGetGamma@Base 2.4.3
+ drmModeCrtcSetGamma@Base 2.4.3
+ drmModeDestroyPropertyBlob@Base 2.4.62
+ drmModeDetachMode@Base 2.4.3
+ drmModeDirtyFB@Base 2.4.17
+ drmModeFreeConnector@Base 2.4.3
+ drmModeFreeCrtc@Base 2.4.3
+ drmModeFreeEncoder@Base 2.4.3
+ drmModeFreeFB@Base 2.4.3
+ drmSLFirst@Base 2.3.1
+ drmSLInsert@Base 2.3.1
+ drmSLLookup@Base 2.3.1
+ drmSLLookupNeighbors@Base 2.3.1
+ drmSLNext@Base 2.3.1
+ drmScatterGatherAlloc@Base 2.3.1
+ drmScatterGatherFree@Base 2.3.1
+ drmSetBusid@Base 2.3.1
+ drmSetClientCap@Base 2.4.47
+ drmSetContextFlags@Base 2.3.1
+ drmSetInterfaceVersion@Base 2.3.1
+ drmSetMaster@Base 2.4.3
+ drmSetServerInfo@Base 2.3.1
+ drmSwitchToContext@Base 2.3.1
+ drmSyncobjCreate@Base 2.4.82
+ drmSyncobjDestroy@Base 2.4.82
+ drmSyncobjExportSyncFile@Base 2.4.82
+ drmSyncobjFDToHandle@Base 2.4.82
+ drmSyncobjHandleToFD@Base 2.4.82
+ drmSyncobjImportSyncFile@Base 2.4.82
+ drmSyncobjReset@Base 2.4.89
+ drmSyncobjSignal@Base 2.4.89
+ drmSyncobjWait@Base 2.4.84
+ drmUnlock@Base 2.3.1
+ drmUnmap@Base 2.3.1
+ drmUnmapBufs@Base 2.3.1
+ drmUpdateDrawableInfo@Base 2.3.1
+ drmWaitVBlank@Base 2.3.1
--- libdrm-2.4.97.orig/debian/patches/01_default_perms.diff
+++ libdrm-2.4.97/debian/patches/01_default_perms.diff
@@ -0,0 +1,11 @@
+--- a/xf86drm.h
++++ b/xf86drm.h
@@ -74,7 +74,7 @@ extern "C" {
+ /* Default /dev/dri directory permissions 0755 */
+ #define DRM_DEV_DIRMODE  
+ (S_IRUSR|S_IWUSR|S_IXUSR|S_IRGRP|S_IXGRP|S_IROTH|S_IXOTH)
+ #define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP)
+ #define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP)
+ #define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP)
+ #define DRM_DEV_MODE (S_IRUSR|S_IWUSR|S_IRGRP|S_IWGRP)
+ 
+ typedef unsigned int drm_handle_t;
+ typedef unsigned int drm_handle_t:

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+ #else /* One of the BSDs */
+  
+  +#include <stdint.h>
+  +#include <sys/ioccom.h>
+  +#include <sys/types.h>
+  + typedef int8_t __s8;
--- libdrm-2.4.97.orig/debian/patches/series
+++ libdrm-2.4.97/debian/patches/series
@@ -0,0 +1,2 @@
+01_default_perms.diff
+02_kfreebsd.diff
--- libdrm-2.4.97.orig/debian/rules
+++ libdrm-2.4.97/debian/rules
@@ -0,0 +1,126 @@
+#!/usr/bin/make -f
+
+### Configuration, decide what to build
+###
+
+## Some variables:
+DEB_HOST_ARCH       ?= $(shell dpkg-architecture -qDEB_HOST_ARCH)
+DEB_HOST_ARCH_OS    ?= $(shell dpkg-architecture -qDEB_HOST_ARCH_OS)
+DEB_HOST_ARCH_CPU   ?= $(shell dpkg-architecture -qDEB_HOST_ARCH_CPU)
+
+confflags = 
+  -Dradeon=true 
+  -Damdgpu=true 
+  -Dlibkms=false 
+  $()
+
+## Linux vs. the rest:
+ifeq (linux, $(DEB_HOST_ARCH_OS))
+  confflags += -Dudev=true
+  confflags += -Dvmwgfx=true
+  confflags += -Dnouveau=true
+  NOUVEAU = yes
+else
+  confflags += -Dudev=false
+  confflags += -Dvmwgfx=false
+  confflags += -Dnouveau=false
+  NOUVEAU = no
+endif
+
+## Intel is only on x86:
+ifeq (.,$(filter amd64 i386,$(DEB_HOST_ARCH_CPU)))
+ifeq (.,$(filter linux kfreebsd,$(DEB_HOST_ARCH_OS)))
+INTEL = yes
+endif
+endif
+ifeq ($(INTEL), yes)
+confflags += -Dintel=true
+else
+confflags += -Dintel=false
+endif
+
+ifeq ($(ARM), yes)
+confflags += -Dexynos=true
+confflags += -Domap=true
+else
+confflags += -Dexynos=false
+confflags += -Domap=false
+endif
+
+ifeq ($(ETNAVIV), yes)
+confflags += -Detnaviv=true
+else
+confflags += -Detnaviv=false
+endif
+
+ifeq ($(TEGRA), yes)
+confflags += -Dtegra=true
+else
+confflags += -Dtegra=false
+endif
+
+ifeq ($(FREEDRENO), yes)
+confflags += -Dfreedreno=true -Dfreedreno-kgsl=true
+else
+endif
+confflags += -Dfreedreno=false
+endif
+
+###
+### Actual build
+###
+
+override_dh_auto_configure:
+dh_auto_configure -- $(confflags)
+
+override_dh_auto_test:
+dh_auto_test || echo "Test suite failure, but keeping on anyway"
+
+override_dh_install:
+find debian/tmp -name '*.la' -delete
+dh_install --fail-missing
+
+override_dh_makeshlibs:
+dh_makeshlibs -plibdrm2 -V'libdrm2 (>= 2.4.89)' --add-udeb=libdrm2-udeb -- -c4
+ifeq ($(INTEL), yes)
+dh_makeshlibs -plibdrm-intel1 -V'libdrm-intel1 (>= 2.4.75)' -- -c4
+endif
+endif
+ifeq ($(NOUVEAU), yes)
+dh_makeshlibs -plibdrm-nouveau2 -V'libdrm-nouveau2 (>= 2.4.66)' -- -c4
+endif
+dh_makeshlibs -plibdrm-radeon1 -V'libdrm-radeon1 (>= 2.4.39)' -- -c4
+dh_makeshlibs -plibdrm-amdgpul1 -V'libdrm-amdgpul1 (>= 2.4.97)' -- -c4
+ifeq ($(ARM), yes)
+dh_makeshlibs -plibdrm-omap1 -V'libdrm-omap1 (>= 2.4.38)' -- -c4
+endif
+dh_makeshlibs -plibdrm-exynos1 -V'libdrm-exynos1 (>= 2.4.66)' -- -c4
+endif
+ifeq ($(ETNAVIV), yes)
+dh_makeshlibs -plibdrm-etnaviv1 -V'libdrm-etnaviv1 (>= 2.4.89)' -- -c4
+endif
+ifeq ($(TEGRA), yes)
+dh_makeshlibs -plibdrm-tegra0 -V'libdrm-tegra0' -- -c4
+endif
+ifeq ($(FREEDRENO), yes)
+dh_makeshlibs -plibdrm-freedreno1 -V'libdrm-freedreno1 (>= 2.4.97)' -- -c4
+endif
+
+%
+dh $@ --with quilt /
+--builddirectory=build/
+--buildsystem=meson
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+++ libdrm-2.4.97/debian/source/format
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1.1689 libmnl 1.0.4-6.el8

1.1689.1 Available under license:

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Local Variables:
ispell-local-pdict: "ispell-dict"
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Version 2.1, February 1999

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam/modules/pam_motd/pam_motd.c
---
... pam.orig/modules/pam_motd/pam_motd.c
+++ pam/modules/pam_motd/pam_motd.c
@@ -97,6 +97,65 @@
 }
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+        /* Get the password entry */
+        pwd = pam_modutil_getpwnam (pamh, user);
+        if (pwd != NULL)
+        {
+            if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+                pam_syslog(pamh, LOG_ERR,
+                           "Unable to change UID to %d temporarily\n",
+                           user->uid);
+            }
+        }
+    }
+}
+"
pwd->pw_uid);
reval = PAM_SESSION_ERR;
goto finished;
}

if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
goto finished;
if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
goto finished;

if (stat(flag, &s) != 0)
{
    int fd = open("/etc/legal", O_RDONLY, 0);
    if (fd >= 0) {
        try_to_display_fd(pamh, fd);
        close(fd);
    }
    mkdir(dir, 0700);
    f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
              S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
    if (f>=0) close(f);
}

finished:
if (pam_modutil_regain_priv(pamh, &privs)) {
    pam_syslog(pamh, LOG_ERR,
               "Unable to change UID back to %d\n", privs.old_uid);
    reval = PAM_SESSION_ERR;
}

_pam_drop(flag);
_pam_drop(dir);
return reval;
}

int pam_sm_open_session(pam_handle_t *pamh, int flags,
argc, const char **argv)
{
    if (motd_dir_path != NULL)
try_to_display_directory(pamh, motd_dir_path);

    /* Display the legal disclaimer only if necessary */
    reval = display_legal(pamh);
    return reval;
This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source
Stephen,

"There is no restriction on modifications and derived works" on the work I did for the openldap server as long as this is consistent with the openldap license. Please forward this email to Kurt so he does the appropriate changes to the files to reflect this.

Regards, Juan

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MA

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Local-Date: Thu, 05 Jun 2003 16:53:32 -0400
Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

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After discussing this license with the OpenLDAP Foundation we received
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To: Stephen Frost <sfrost@snowman.net>
Subject: Re: OpenLDAP Licenseing issues
From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
Date: Wed, 28 May 2003 10:55:44 -0700
Cc: Steve Langasek <vorlon@netexpress.net>, debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
In-reply-to: <20030528162613.GB8524@ns.snowman.net>
Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
Old-return-path: <Kurt@OpenLDAP.org>

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you think are necessary. I suggest you contact University's general
counsel office (http://www.umich.edu/~vpge/).

Regards, Kurt

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1.1710 libalgorithm-diff-xs-perl 0.04 5+b1
1.1710.1 Available under license :
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068209212_1595544847.99/0/libalgorithm-diff-xs-perl-0-04-orig-tar-
gz/Algorithm-Diff-XS-0.04/README
No license file was found, but licenses were detected in source scan.

=head1 NAME
Algorithm::Diff::XS - Algorithm::Diff with XS core loop

=head1 SYNOPSIS

# Drop-in replacement to Algorithm::Diff, but "compact_diff"
# and C<LCSidx> will run much faster for large data sets.
use Algorithm::Diff::XS qw( compact_diff LCSidx );

=head1 DESCRIPTION

This module is a simple re-packaging of Joe Schaefer's excellent
but not very well-known L<Algorithm::LCS> with a drop-in interface
that simply re-uses the installed version of the L<Algorithm::Diff>
Note that only the \texttt{C<LCSidx>} function is optimized in XS at the moment, which means only \texttt{C<compact_diff>} will get significantly faster for large data sets, while \texttt{C<diff>} and \texttt{C<sdiff>} will run in identical speed as \texttt{C<Algorithm::Diff>}

=head1 BENCHMARK

<table>
<thead>
<tr>
<th>Rate</th>
<th>Algorithm::Diff</th>
<th>Algorithm::Diff::XS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algorithm::Diff</td>
<td>14.7/s</td>
<td>--</td>
</tr>
<tr>
<td>Algorithm::Diff::XS</td>
<td>806/s</td>
<td>5402%</td>
</tr>
</tbody>
</table>

The benchmarking script is as below:

my @data = ([qw/a b d/ x 50], [qw/b a d c/ x 50]);

cmpthesef(500, { 'Algorithm::Diff' => sub {
  Algorithm::Diff::compact_diff(@data)
},
'Algorithm::Diff::XS' => sub {
  Algorithm::Diff::XS::compact_diff(@data)
},
});

=head1 SEE ALSO

L<Algorithm::Diff>, L<Algorithm::LCS>.

=head1 AUTHORS

Audrey Tang \texttt{E<lt>cpan@audreyt.orgE<gt>}

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---
abstract: Algorithm::Diff with XS core loop
author: Audrey Tang <cpan@audreyt.org>
distribution_type: module
generated_by: Module::Install version 0.67
license: perl
meta-spec:
url: http://module-build.sourceforge.net/META-spec-v1.3.html
version: 1.3
name: Algorithm-Diff-XS
no_index:
directory:
  - inc
  - t
requires:
  Algorithm::Diff: 1.19
perl: 5.6.0
version: 0.01

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068209212_1595544847.99/0/libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/META.yml
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warn "LEGAL WARNING: 'All rights reserved' may invalidate Open Source licenses. Consider removing it."

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068209212_1595544847.99/0/libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/inc/Module/Install/Metadata.pm
No license file was found, but licenses were detected in source scan.

/*

ppport.h -- Perl/Pollution/Portability Version 3.06_01


Do NOT edit this file directly! -- Edit PPPort_pm.PL and the includes in parts/inc/ instead.
Use 'perldoc ppport.h' to view the documentation below.

SKIP

=pod

=head1 NAME

ppport.h - Perl/Pollution/Portability version 3.06_01

=head1 SYNOPSIS

perl ppport.h [options] [source files]

Searches current directory for files if no [source files] are given

--help show short help

--patch=file write one patch file with changes
--copy=suffix write changed copies with suffix
--diff=program use diff program and options

--compat-version=version provide compatibility with Perl version
--cplusplus accept C++ comments

--quiet don't output anything except fatal errors
--nodiag don't show diagnostics
--nohints don't show hints
--nochanges don't suggest changes
--nofilter don't filter input files

--list-provided list provided API
--list-unsupported list unsupported API
--api-info=name show Perl API portability information

=head1 COMPATIBILITY

This version of F<ppport.h> is designed to support operation with Perl installations back to 5.003, and has been tested up to 5.9.3.

=head1 OPTIONS

=head2 --help

Display a brief usage summary.
If this option is given, a single patch file will be created if any changes are suggested. This requires a working diff program to be installed on your system.

If this option is given, a copy of each file will be saved with the given suffix that contains the suggested changes. This does not require any external programs.

If neither `--patch` or `--copy` are given, the default is to simply print the diffs for each file. This requires either `Text::Diff` or a `diff` program to be installed.

Manually set the diff program and options to use. The default is to use `Text::Diff`, when installed, and output unified context diffs.

Tell `ppport.h` to check for compatibility with the given Perl version. The default is to check for compatibility with Perl version 5.003. You can use this option to reduce the output of `ppport.h` if you intend to be backward compatible only up to a certain Perl version.

Usually, `ppport.h` will detect C++ style comments and replace them with C style comments for portability reasons. Using this option instructs `ppport.h` to leave C++ comments untouched.

Be quiet. Don't print anything except fatal errors.

Don't output any diagnostic messages. Only portability alerts will be printed.
Don't output any hints. Hints often contain useful portability notes.

=head2 --nochanges

Don't suggest any changes. Only give diagnostic output and hints unless these are also deactivated.

=head2 --nofilter

Don't filter the list of input files. By default, files not looking like source code (i.e. not *.xs, *.c, *.cc, *.cpp or *.h) are skipped.

=head2 --list-provided

Lists the API elements for which compatibility is provided by F<ppport.h>. Also lists if it must be explicitly requested, if it has dependencies, and if there are hints for it.

=head2 --list-unsupported

Lists the API elements that are known not to be supported by F<ppport.h> and below which version of Perl they probably won't be available or work.

=head2 --api-info=I<name>

Show portability information for API elements matching I<name>. If I<name> is surrounded by slashes, it is interpreted as a regular expression.

=head1 DESCRIPTION

In order for a Perl extension (XS) module to be as portable as possible across differing versions of Perl itself, certain steps need to be taken.

=over 4

=item *

Including this header is the first major one. This alone will give you access to a large part of the Perl API that hasn't been available in earlier Perl releases. Use

perl pppport.h --list-provided

to see which API elements are provided by pppport.h.
You should avoid using deprecated parts of the API. For example, using global Perl variables without the C<PL_> prefix is deprecated. Also, some API functions used to have a C<perl_> prefix. Using this form is also deprecated. You can safely use the supported API, as F<ppport.h> will provide wrappers for older Perl versions.

If you use one of a few functions that were not present in earlier versions of Perl, and that can't be provided using a macro, you have to explicitly request support for these functions by adding one or more C<#define>s in your source code before the inclusion of F<ppport.h>.

These functions will be marked C<explicit> in the list shown by C<--list-provided>.

Depending on whether you module has a single or multiple files that use such functions, you want either C<static> or global variants.

For a C<static> function, use:

    #define NEED_function

For a global function, use:

    #define NEED_function_GLOBAL

Note that you mustn't have more than one global request for one function in your project.

<table>
<thead>
<tr>
<th>Function</th>
<th>Static Request</th>
<th>Global Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>eval_pv()</td>
<td>NEED_eval_pv</td>
<td>NEED_eval_pv_GLOBAL</td>
</tr>
<tr>
<td>grok_bin()</td>
<td>NEED_grok_bin</td>
<td>NEED_grok_bin_GLOBAL</td>
</tr>
<tr>
<td>grok_hex()</td>
<td>NEED_grok_hex</td>
<td>NEED_grok_hex_GLOBAL</td>
</tr>
<tr>
<td>grok_number()</td>
<td>NEED_grok_number</td>
<td>NEED_grok_number_GLOBAL</td>
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<tr>
<td>grok_numeric_radix()</td>
<td>NEED_grok_numeric_radix</td>
<td>NEED_grok_numeric_radix_GLOBAL</td>
</tr>
<tr>
<td>grok_oct()</td>
<td>NEED_grok_oct</td>
<td>NEED_grok_oct_GLOBAL</td>
</tr>
<tr>
<td>newCONSTSUB()</td>
<td>NEED_newCONSTSUB</td>
<td>NEED_newCONSTSUB_GLOBAL</td>
</tr>
<tr>
<td>newRV_noinc()</td>
<td>NEED_newRV_noinc</td>
<td>NEED_newRV_noinc_GLOBAL</td>
</tr>
<tr>
<td>sv_2pv_nolen()</td>
<td>NEED_sv_2pv_nolen</td>
<td>NEED_sv_2pv_nolen_GLOBAL</td>
</tr>
<tr>
<td>sv_2pvbyte()</td>
<td>NEED_sv_2pvbyte</td>
<td>NEED_sv_2pvbyte_GLOBAL</td>
</tr>
<tr>
<td>sv_catpvf_mg()</td>
<td>NEED_sv_catpvf_mg</td>
<td>NEED_sv_catpvf_mg_GLOBAL</td>
</tr>
<tr>
<td>sv_catpvf_mg_nocontext()</td>
<td>NEED_sv_catpvf_mg_nocontext</td>
<td>NEED_sv_catpvf_mg_nocontext_GLOBAL</td>
</tr>
<tr>
<td>sv_setpvf_mg()</td>
<td>NEED_sv_setpvf_mg</td>
<td>NEED_sv_setpvf_mg_GLOBAL</td>
</tr>
</tbody>
</table>
sv_setpvf_mg_nocontext() NEED_sv_setpvf_mg_nocontext NEED_sv_setpvf_mg_nocontext_GLOBAL
vnewSVpvf() NEED_vnewSVpvf NEED_vnewSVpvf_GLOBAL

To avoid namespace conflicts, you can change the namespace of the explicitly exported functions using the C<DPPP_NAMESPACE> macro. Just C#define> the macro before including C<ppport.h>:

#define DPPP_NAMESPACE MyOwnNamespace_
#include "ppport.h"

The default namespace is C<DPPP_>.

=back

The good thing is that most of the above can be checked by running F<ppport.h> on your source code. See the next section for details.

=head1 EXAMPLES

To verify whether F<ppport.h> is needed for your module, whether you should make any changes to your code, and whether any special defines should be used, F<ppport.h> can be run as a Perl script to check your source code. Simply say:

perl ppport.h

The result will usually be a list of patches suggesting changes that should at least be acceptable, if not necessarily the most efficient solution, or a fix for all possible problems.

If you know that your XS module uses features only available in newer Perl releases, if you're aware that it uses C++ comments, and if you want all suggestions as a single patch file, you could use something like this:

perl ppport.h --compat-version=5.6.0 --cplusplus --patch=test.diff

If you only want your code to be scanned without any suggestions for changes, use:

perl ppport.h --nochanges

You can specify a different C<diff> program or options, using the C<--diff> option:

perl ppport.h --diff='diff -C 10'
To display portability information for the C<newSVpvn> function, use:

perl ppport.h --api-info=newSVpvn

Since the argument to C<--api-info> can be a regular expression, you can use

perl ppport.h --api-info=_nomg$/

to display portability information for all C<_nomg> functions or

perl ppport.h --api-info=/./

to display information for all known API elements.

=head1 BUGS

If this version of F<ppport.h> is causing failure during the compilation of this module, please check if newer versions of either this module or C<Devel::PPPort> are available on CPAN before sending a bug report.

If F<ppport.h> was generated using the latest version of C<Devel::PPPort> and is causing failure of this module, please file a bug report using the CPAN Request Tracker at L<http://rt.cpan.org/>.

Please include the following information:

=over 4

=item 1.

The complete output from running "perl -V"

=item 2.

This file.

=item 3.

The name and version of the module you were trying to build.

=item 4.

A full log of the build that failed.
=item 5.

Any other information that you think could be relevant.

=back

For the latest version of this code, please get the C<Devel::PPPort> module from CPAN.

=head1 COPYRIGHT

Version 3.x, Copyright (c) 2004-2005, Marcus Holland-Moritz.

Version 2.x, Copyright (C) 2001, Paul Marquess.

Version 1.x, Copyright (C) 1999, Kenneth Albanowski.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

=head1 SEE ALSO

See L<Devel::PPPort>.

=cut

use strict;

my %opt = (
  quiet    => 0,
  diag     => 1,
  hints    => 1,
  changes  => 1,
  cplusplus=> 0,
  filter   => 1,
);

my($ppport) = $0 =~ /\[\w.]+$/;
my $LF = '(?:\r
|\[\r
\])';   # line feed
my $HS = "[ \t"]";             # horizontal whitespace
my $HS = "[ \t"]";             # horizontal whitespace

eval {
  require Getopt::Long;
  Getopt::Long::GetOptions(%opt, qw(
    help quiet diag! filter! hints! changes! cplusplus
    patch=s copy=s diff=s compat-version=s
    list-provided list-unsupported api-info=s
  )
}


if ($@ and grep /^-/, @ARGV) {
    usage() if "@ARGV" =~ /^-?h(?:elp)?$/;
    die "Getopt::Long not found. Please don't use any options\n";
}

usage() if $opt{help};

if (exists $opt{'compat-version'}) {
    my($r,$v,$s) = eval { parse_version($opt{'compat-version'}) };
    if ($@) {
        die "Invalid version number format: $opt{'compat-version'}\n";
    }
    die "Only Perl 5 is supported\n" if $r != 5;
    die "Invalid version number: $opt{'compat-version'}\n" if $v >= 1000 || $s >= 1000;
    $opt{'compat-version'} = sprintf "%d.%03d%03d", $r, $v, $s;
} else {
    $opt{'compat-version'} = 5;
}

# Never use C comments in this file!!!!!
my $ccs = '/.*';
my $cce = '*./';
my $rccs = quotemeta $ccs;
my $rcce = quotemeta $cce;

my %API = map { /^\w+\|\w+\|\w+\|\w+$/
    ? ( $1 => 
        ( $2 ? ( base => $2 ) : ()),
        ( $3 ? ( todo => $3 ) : ()),
        (index($4, 'v') >= 0 ? ( varargs => 1 ) : ()),
        (index($4, 'p') >= 0 ? ( provided => 1 ) : ()),
        (index($4, 'n') >= 0 ? ( nothxarg => 1 ) : ()
    )
    : die "invalid spec: $_\n") qw(
AvFILLp5.004050][
AvFILL][
CLASS][n
CX_CURPAD_SAVE][
CX_CURPAD_SV][
CopFILEAV5.006000][p
CopFILEGV_set5.006000][p
CopFILEGV5.006000][p
CopFILESV5.006000][p
CopFILE_set5.006000][p
IS_NUMBER_NAN|5.007003||p
IS_NUMBER_NEG|5.007002||p
IS_NUMBER_NOT_INT|5.007002||p
IVSIZE|5.006000||p
IVTYPE|5.006000||p
IVdf|5.006000||p
LEAVE||
LVRET||
MARK||
MY_CXT_CLONE|5.009002||p
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MY_CXT|5.007003||p
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Move||
NEWSV||
NOOP|5.005000||p
NUM2PTR|5.006000||p
NVTYPE|5.006000||p
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New||
Nullav||
Nullch||
Nullcv||
Nullhv||
Nullsv||
ORIGMARK||
PAD_BASE_SV||
PAD_CLONE_VARS||
PAD_COMPNAME_FLAGS||
PAD_COMPNAME_GEN_set||
PAD_COMPNAME_GEN||
PAD_COMPNAME_OURSTASH||
PAD_COMPNAME_PV||
PAD_COMPNAME_TYPE||
PAD_RESTORE_LOCAL||
PAD_SAVE_LOCAL||
PAD_SAVE_SETNULLPAD||
PAD_SETSV||
PAD_SET_CUR_NOSAVE||
PAD_SET_CUR||
PAD_SV'||
PAD_SV||
PERL_BCDVERSION|5.009003||p
PERL_GCC_BRACE_GROUPS_FORBIDDEN|5.008001||p
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<td>POPn</td>
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<td>POPphytex</td>
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<td>PUSHMARK</td>
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<td>PUSHi</td>
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<td>PUSHmortal</td>
<td>5.009002</td>
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<td>PUSHn</td>
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<td>PUSHs</td>
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<td>PUSHu</td>
<td>5.004000</td>
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<td>PUTBACK</td>
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<tr>
<td>PerlIO_clearerr</td>
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<td>PerlIO_close</td>
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<td>PerlIO_fill</td>
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<td>PerlIO_flush</td>
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<td>PerlIO_get_bufsiz</td>
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<td>PerlIO_get_ptr</td>
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<tr>
<td>PerlIO_read</td>
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<td>PerlIO_seek</td>
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<td>PerlIO_set_cnt</td>
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<td>PerlIO_set_ptrcnt</td>
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<tr>
<td>PerlIO_setlinebuf</td>
<td>5.007003</td>
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<tr>
<td>PerlIO_stderr</td>
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<tr>
<td>PerlIO_stdin</td>
<td>5.007003</td>
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<tr>
<td>PerlIO_stdout</td>
<td>5.007003</td>
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<tr>
<td>PerlIO_tell</td>
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<td>PerlIO_unread</td>
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<td>PerlIO_write</td>
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<tr>
<td>Poison</td>
<td>5.008000</td>
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</tbody>
</table>
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SvSTASH_set[5.009003]
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SvSetMagicSV_nosteal[5.004000]
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SvUVXx[5.004000]
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SvUVX[5.004000]
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UNDERBAR[5.009002]
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UVxf[5.006000]
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XCPT_RETHROW[5.009002]
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XCPT_TRY_END[5.009002]
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XCPT_TRY_START[5.009002]
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XPUSHHi
XPUSHmortal[5.009002]
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XPUSHHi
XPUSHmp
XPUSHs
XPUSHup
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XSRETURN_IV
XSRETURN_NO
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---

cv_dump

cv_undef

cx_dump

cx_dup

cxinc

dAXMARK

dAX

dITEMS

dMARK

dMY_CXT_SV

dMY_CXT

dNOOP

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dTHR

dTHXa

dTHXoa

dTHX

dUNDERBAR

dXCTP

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dXSTARG

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deb_stack_n

debop

debprof

debstackptrs

debstack

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deprecate_old

deprecate

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die_where

die

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div128

djSP

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hv_magic
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hv_notallowed
hv_placeholders_get
hv_placeholders_p
hv_placeholders_set
hv_riter_p
hv_riter_set
hv_scalar
hv_store_ent
hv_store_flags
hv_store
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ibcmp_utf8
ibcmp
incl_perldb
incline
incpush
ingroup
init_argv_symbols
init_debugger
init_global_struct
init_i18nl10n
init_i18nl14n
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init_lexer
init_main_stash
init_perllib
init_postdump_symbols
init_pseudump_symbols
init_stacks
init_tm
intro_my
intuit_method
intuit_more
invert
io_close
isALNUM
isALPHA
isDIGIT
isLOWER
isSPACE
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magic_gettaint||
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magic_getvec||
magic_get||
magic_killbackrefs||
magic_len||
magic_methcall||
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magic_regdata_cnt||
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magic_set_all_env||
magic_setamagic||
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magic_setbm||
magic_setcollxfrm||
magic_setdbline||
magic_setdefelem||
magic_setenv||
magic_setfnm||
magic_setglob||
magic_setisa||
magic_setmglob||
magic_setnkeys||
magic_setpack||
magic_setpos||
magic_setregexp||
magic_setsig||
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magic_settaint||
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magic_setsubstr||
magic_setvec||
magic_set||
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magic_wipepack||
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markstack_grow||
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memNE||
mem_collxfrm||
mess_alloc||
mess_nocontext
mess
method_common
mfree
mg_clear
mg_copy
mg_dup
mg_find
mg_free
mg_get
mg_length
mg_localize
mg_magical
mg_set
mg_size
mini_mktime
missingterm
mode_from_discipline
modkids
mod
moreswitches
mul128
mulexp10
my_atof2
my_atof
my_attrs
my_bcopy
my_betoh16
my_betoh32
my_betoh64
my_betohi
my_betohl
my_betohls
my_bzero
my_chsize
my_exit_jump
my_exit
my_failure_exit
my_fflush_all
my_fork
my_htobe16
my_htobe32
my_htobe64
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my_htobel
my_htobes
my_htole16
my_htole32
my_htole64
my_htolei
my_htolel
my_htoles
my_htonl
my_kid
my_letoh16
my_letoh32
my_letoh64
my_letohi
my_letohl
my_letohs
my_lstat
my_memcmp
my_memset
my_ntohl
my_pclose
my_popen_list
my_popen
my_setenv
my_socketpair
my_stat
my_strftime
my_swabn
my_swap
my_unexec
newANONATTRSUB
newANONHASH
newANONLIST
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newASSIGNOP
newATTRSUB
newAVREF
newAV
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newCONDOP
newCONSTSUB
newCVREF
newDEFSVOP
newFORM
newFOROP
newGVOP
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newGVgen
newHVREF
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newHV

Open Source Used In CloudCenter Suite Admin 5.3.0  27159
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regbranch||
regclass_swash|5.007003|
regclass||
regcp_set_to||
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warn_nocontext|||vn
warner_nocontext|||vn
warner||5.006000|v
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watch|||
whichsig|||
write_to_stderr|||
yyerror|||
yylex|||
yyparse|||
yywarn|||
);
if (exists $opt{'list-unsupported'}) {
my $f;
for $f (sort { lc $a cmp lc $b } keys %API) {
next unless $API{$f}{todo};
print "$f ", '.'x(40-length($f)), " ", format_version($API{$f}{todo}), "\n";
}
exit 0;
}
# Scan for possible replacement candidates
my(%replace, %need, %hints, %depends);
my $replace = 0;
my $hint = '';
while (<DATA>) {
if ($hint) {
if (m{^\s*\*\s(.*?)\s*$}) {
$hints{$hint} ||= ''; # suppress warning with older perls
$hints{$hint} .= "$1\n";
}
else {
$hint = '';
}
}
$hint = $1 if m{^\s*$rccs\sHint:\s+(\w+)\s*$};
$replace = $1 if m{^\s*$rccs\s+Replace:\s+(\d+)\s+$rcce\s*$};
$replace{$2} = $1 if $replace and m{^\s*#\s*define\s+(\w+)(?:\([^)]*\))?\s+(\w+)};
$replace{$2} = $1 if m{^\s*#\s*define\s+(\w+)(?:\([^)]*\))?\s+(\w+).*$rccs\s+Replace\s+$rcce};
$replace{$1} = $2 if m{^\s*$rccs\s+Replace (\w+) with (\w+)\s+$rcce\s*$};
if (m{^\s*$rccs\s+(\w+)\s+depends\s+on\s+(\w+(\s*,\s*\w+)*)\s+$rcce\s*$}) {

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push @{$depends{$1}}, map { s/\s+//g; $_ } split /,/, $2;
}

$need{$1} = 1 if m{^#if\s+defined\(NEED_(\w+)(?:_GLOBAL)?\)\}$/;
}

if (exists $opt{'api-info'}) {
    my $f;
    my $count = 0;
    my $match = $opt{'api-info'} =~ m!^/(.*)/$! ? $1 : "^\Q$opt{'api-info'}\E\$";
    for $f (sort { lc $a cmp lc $b } keys %API) {
        next unless $f =~ /$match/;
        print "\n=== $f ===\n\n";
        my $info = 0;
        if ($API{$f}{base} || $API{$f}{todo}) {
            my $base = format_version($API{$f}{base} || $API{$f}{todo});
            print "Supported at least starting from perl-$base:\n";
            $info++;
        } 
        if ($API{$f}{provided}) {
            my $todo = $API{$f}{'todo'} ? format_version($API{$f}{'todo'}) : "5.003";
            print "Support by $ppport provided back to perl-$todo:\n";
            print "Support needs to be explicitly requested by NEED_\$f:\n" if exists $need{$f};
            print "Depends on: \', join(', '@ {$depends{$f}}), ',\n" if exists $depends{$f};
            print "Shints\$f\" if exists $hints{$f};
            $info++;
        }
        unless ($info) {
            print "No portability information available:\n";
        }
        $count++;
    }
    if ($count > 0) {
        print "\n";
    } else {
        print "Found no API matching \$opt['api-info']:\n";
    }
    exit 0;
}

if (exists $opt{'list-provided'}) {
    my $f;
    for $f (sort { lc $a cmp lc $b } keys %API) {
        next unless $API{$f}{provided} || $API{$f}{todo};
        my @flags;
        push @flags, 'explicit' if exists $need{$f};
        push @flags, 'depend'   if exists $depends{$f};
push @flags, 'hint' if exists $hints{$f};
my $flags = @flags ? ' ['.join(', ', @flags).']' : '';
print "$f$flags\n";
}
exit 0;
}
my @files;
my @srcext = qw( xs c h cc cpp );
my $srcext = join '|', @srcext;
if (@ARGV) {
my %seen;
@files = grep { -f && !exists $seen{$_} } map { glob $_ } @ARGV;
}
else {
eval {
require File::Find;
File::Find::find(sub {
$File::Find::name =~ /\.($srcext)$/i
and push @files, $File::Find::name;
}, '.');
};
if ($@) {
@files = map { glob "*.$_" } @srcext;
}
}
if (!@ARGV || $opt{filter}) {
my(@in, @out);
my %xsc = map { /(.*)\.xs$/ ? ("$1.c" => 1, "$1.cc" => 1) : () } @files;
for (@files) {
my $out = exists $xsc{$_} || /\b\Q$ppport\E$/i || !/\.($srcext)$/i;
push @{ $out ? \@out : \@in }, $_;
}
if (@ARGV && @out) {
warning("Skipping the following files (use --nofilter to avoid this):\n| ", join "\n| ", @out);
}
@files = @in;
}
unless (@files) {
die "No input files given!\n";
}
my(%files, %global, %revreplace);
%revreplace = reverse %replace;
my $filename;

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my $patch_opened = 0;
for $filename (@files) {
unless (open IN, "<$filename") {
warn "Unable to read from $filename: $!\n";
next;
}
info("Scanning $filename ...");
my $c = do { local $/; <IN> };
close IN;
my %file = (orig => $c, changes => 0);
# temporarily remove C comments from the code
my @ccom;
$c =~ s{
(
[^"'/]+
|
(?:"[^"\\]*(?:\\.[^"\\]*)*" [^"'/]*)+
|
(?:'[^'\\]*(?:\\.[^'\\]*)*' [^"'/]*)+
)
|
(/ (?:
\*[^*]*\*+(?:[^$ccs][^*]*\*+)* /
|
/[^\r\n]*
))
}{
defined $2 and push @ccom, $2;
defined $1 ? $1 : "$ccs$#ccom$cce";
}egsx;
$file{ccom} = \@ccom;
$file{code} = $c;
$file{has_inc_ppport} = ($c =~ /#.*include.*\Q$ppport\E/);
my $func;
for $func (keys %API) {
my $match = $func;
$match .= "|$revreplace{$func}" if exists $revreplace{$func};
if ($c =~ /\b(?:Perl_)?($match)\b/) {
$file{uses_replace}{$1}++ if exists $revreplace{$func} && $1 eq $revreplace{$func};
$file{uses_Perl}{$func}++ if $c =~ /\bPerl_$func\b/;

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if (exists $API{$func}{provided}) {
    if (exists $API{$func}{base} || $API{$func}{base} > $opt{compat-version}) {
        $file{uses}{$func}++;
        my @deps = rec_depend($func);
        for (@deps) {
            $file{uses_deps}{$func} = \@deps;
            $file{uses}{$func} = 0 unless exists $file{uses}{$func};
        }
        for ($func, @deps) {
            if (exists $need{$_}) {
                $file{needs}{$_} = 'static';
            }
        }
    }
    if (exists $API{$func}{todo} && $API{$func}{todo} > $opt{compat-version}) {
        if ($c =~ /$func\b/) {
            $file{uses_todo}{$func}++;
        }
    }
}
while ($c =~ /^(\S+\S+define\S+\S+\S+\$need\S+\S+)\$/mg) {
    if (exists $need{$_}) {
        $file{defined $3 ? 'needed_global' : 'needed_static'}{$_}++;
    } else {
        warn("Possibly wrong #define $1 in $filename");
    }
}
for (qw(uses needs uses_todo needed_global needed_static)) {
    for $func (keys %{$file{$_}}) {
        push @{$global{$_}{$func}}, $filename;
    }
}
$files{$filename} = \%file;

# Globally resolve NEED_'s
my $need;
for $need (keys %{$global{needs}}) {
    if (@{$global{needs}{$need}} > 1) {
        my @targets = @{$global{needs}{$need}};
    }
}
my @t = grep $files{$_}{needed_global}{$need}, @targets;
@targets = @t if @t;
@t = grep \/_xs$/i, @targets;
@targets = @t if @t;
my $target = shift @targets;
$files{$target}{needs}{$need} = 'global';
for (@{$global{needs}{$need}}) {
    $files{$_}{needs}{$need} = 'extern' if $need eq $target;
}

for $filename (@files) {
    exists $files{$filename} or next;

    info("=== Analyzing $filename ===");

    my %file = %{$files{$filename}};
    my $func;
    my $c = $file{code};

    for $func (sort keys %{$file{uses_Perl}}) {
        if (API{$func}{varargs}) {
            my $changes = ($c =~ s{/b(Perl_$func\s*\(\s*aTHX_?\)\)?aTHX_\(\s*aTHX_\)\)\s*}/{$1 . ($2 eq ')' ? 'aTHX' : 'aTHX_') . $2 }ge);
            if ($changes) {
                warning("Doesn't pass interpreter argument aTHX to Perl_$func");
                $file{changes} += $changes;
            }
        } else {
            warning("Uses Perl_$func instead of $func");
            $file{changes} += ($c =~ s{b\bPerl_$func\s*\(\s*aTHX_\)\)?aTHX_\(\s*aTHX_\)\s*}$/\$func$1()}/g);
        }
    }

    for $func (sort keys %{$file{uses_replace}}) {
        warning("Uses $func instead of $replace{$func}");
        $file{changes} += ($c =~ s{/b$func/\b$replace{$func}}/$replace{$func}/g);
    }

    for $func (sort keys %{$file{uses}}) {
        next unless $file{uses}{$func};  # if it's only a dependency
        if (exists $file{uses_deps}{$func}) {
            diag("Uses $func, which depends on ", join(’,’, @{$file{uses_deps}{$func}}));
        } elsif (exists $replace{$func}) {
warning("Uses $func instead of $replace{$func}");
$file{changes} += ($c =~ s/\$func\b/\$replace{$func}/g);
}
else {
    diag("Uses $func");
}
hint($func);

for $func (sort keys %{$file{uses}_todo}) {
    warning("Uses $func, which may not be portable below perl ",
        format_version($API{$func}{todo}));
}

for $func (sort keys %{$file{needed_static}}) {
    my $message = "";
    if (not exists $file{uses}{$func}) {
        $message = "No need to define NEED_$func if $func is never used";
    }
    elsif (exists $file{needs}{$func} & & $file{needs}{$func} ne 'static') {
        $message = "No need to define NEED_$func when already needed globally";
    }
    if ($message) {
        diag($message);
        $file{changes} += ($c =~ s/^$HS*#$HS*define$HS+NEED_$func\b.*$LF//mg);  
        
    }
}

for $func (sort keys %{$file{needed_global}}) {
    my $message = "";
    if (not exists $global{uses}{$func}) {
        $message = "No need to define NEED_${func}_GLOBAL if $func is never used";
    }
    elsif (exists $file{needs}{$func}) {
        if ($file{needs}{$func} eq 'extern') {
            $message = "No need to define NEED_${func}_GLOBAL when already needed globally";
        }
        elsif ($file{needs}{$func} eq 'static') {
            $message = "No need to define NEED_${func}_GLOBAL when only used in this file";
        }
    }
    if ($message) {
        diag($message);
        $file{changes} += ($c =~ s/^$HS*#$HS*define$HS+NEED_$func\b.*$LF//mg);
    }
}

$file{needs_inc_ppport} = keys %{$file{uses}};
if ($file{needs_inc_ppport}) {
    my $pp = ";

    for $func (sort keys %$file{needs})) {
        my $type = $file{needs}[$func];
        next if $type eq 'extern';
        my $suffix = $type eq 'global' ? '_GLOBAL' : '';
        unless (exists $file{"needed_$type"}[$func]) {
            if ($type eq 'global') {
                diag("Files [@ {global{needs}[$func]} need $func, adding global request");
            } else {
                diag("File needs $func, adding static request");
            }
            $pp .= "#define NEED_$func$suffix\n";
        }
    }

    if ($pp && ($c =~ s/^(?=$HS*#$HS*define$HS+NEED_\w+)/$pp/m)) {
        $pp = ";
        $file{changes}++;
    }

    unless ($file{has_inc_ppport}) {
        diag("Needs to include '$ppport'");
        $pp .= qq(#include "$ppport\n")
    }

    if ($pp) {
        $file{changes} += ($c =~ s/^($HS*#$HS*define$HS+NEED_\w+.*)$/1$pp/ms)
        || ($c =~ s/^($HS*#$HS*include.*\Q$ppport\E)*/$pp/m)
        || ($c =~ s/^($HS*#$HS*include.*XSUB.*\s*?)*/$1$pp/m)
        || ($c =~ s/^/$pp/);  
    }
}

else {
    if ($file{has_inc_ppport}) {
        diag("No need to include '$ppport'");
        $file{changes} += ($c =~ s/^\Q$ppport\E.*?\S?LF\//m);
    }
}

# put back in our C comments
my $ix;
my $cppc = 0;
my @ccom = @{$file{ccom}};
for $ix (0 .. $#ccom) {
if (!$opt{cplusplus} && $ccom[$ix] =~ s!^//!!) {
    $cppc++;
    $file{changes} += $c =~ s/$rcce$ix$rcce/$ccom[$ix]/;
} else {
    $c =~ s/$rcce$ix$rcce/$ccom[$ix]/;
}
}

if ($cppc) {
    my $s = $cppc != 1 ? 's' : '';        
    warning("Uses $cppc C++ style comment$s, which is not portable");
}

if ($file{changes}) {
    if (exists $opt{copy}) {
        my $newfile = "$filename$opt{copy}";
        if (-e $newfile) {
            error("'$newfile' already exists, refusing to write copy of '$filename'");
        } else {
            local *F;
            if (open F, ">$newfile") {
                info("Writing copy of '$filename' with changes to '$newfile'");
                print F $c;
                close F;
            } else {
                error("Cannot open '$newfile' for writing: $!");
            }
        }
    } elsif (exists $opt{patch} || $opt{changes}) {        
        if (exists $opt{patch}) {
            unless ($patch_opened) {
                if (open PATCH, ">$opt{patch}") {
                    $patch_opened = 1;
                } else {
                    error("Cannot open '$opt{patch}' for writing: $!");
                    delete $opt{patch};
                    $opt{changes} = 1;
                    goto fallback;
                }
            }
            mydiff(\*PATCH, $filename, $c);
        } else {
            etc窸窸窣窣
    }
}
fallback:
    info("Suggested changes:");
    mydiff(*STDOUT, $filename, $c);
}
}
else {
    my $s = $file{changes} == 1 ? "'s" : 's';
    info("$file{changes} potentially required change$s detected");
}
}
else {
    info("Looks good");
}
}

close PATCH if $patch_opened;


exit 0;


sub mydiff
{
    local *F = shift;
    my($file, $str) = @_;
    my $diff;

    if (exists $opt{diff}) {
        $diff = run_diff($opt{diff}, $file, $str);
    }

    if (!defined $diff and can_use('Text::Diff')) {
        $diff = Text::Diff::diff($file, \$str, { STYLE => 'Unified' });
        $diff = <<HEADER . $diff;
--- $file
+++ $file.patched
HEAD

if (!defined $diff) {
    $diff = run_diff('diff -u', $file, $str);
}

if (!defined $diff) {
    $diff = run_diff('diff', $file, $str);
}

if (!defined $diff) {
    error("Cannot generate a diff. Please install Text::Diff or use --copy.");
}
return;
}

print F $diff;
}

sub run_diff
{
  my($prog, $file, $str) = @_;
  my $tmp = 'dppptemp';
  my $suf = 'aaa';
  my $diff = '';
  local *F;

  while (-e "$tmp.$suf") { $suf++ }
  $tmp = "$tmp.$suf";

  if (open F, ">$tmp") {
    print F $str;
    close F;

    if (open F, "$prog $file $tmp |") {
      while (<F>) {
        s/$tmp/$file.patched/;
        $diff .= $_;
      }
      close F;
      unlink $tmp;
      return $diff;
    }
  }
  unlink $tmp;
}

sub can_use
{
  eval "use @_;";
  return @$ eq ";
}

sub rec_depend
{
my $func = shift;
my %seen;
return () unless exists $depends{$func};
grep !$seen{$_}++, map { ($_, rec_depend($_)) } @{$depends{$func}};
}

sub parse_version
{
    my $ver = shift;

    if ($ver =~ /\d+(\.\d+)?$/) {
        return ($1, $2, $3);
    }
    elsif ($ver !~ /^\d+\.[\d_]+$/) {
        die "cannot parse version '$ver'
    }

    $ver =~ s/_//g;
    $ver =~ s/$/000000/;
    my($r,$v,$s) = $ver =~ /\d+\.(\d{3})(\d{3})/;

    $v = int $v;
    $s = int $s;

    if ($r < 5 || ($r == 5 && $v < 6)) {
        if ($s % 10) {
            die "cannot parse version '$ver'
        }
    }

    return ($r, $v, $s);
}

sub format_version
{
    my $ver = shift;

    $ver =~ s/$/000000/;
    my($r,$v,$s) = $ver =~ /\d+\.(\d{3})(\d{3})/;

    $v = int $v;
    $s = int $s;

    if ($r < 5 || ($r == 5 && $v < 6)) {
        if ($s % 10) {
            die "invalid version '$ver'
        }
    }

    return ($r, $v, $s);
}
$s /= 10;

$ver = sprintf "%.03d", $r, $v;
$s > 0 and $ver .= sprintf "._%02d", $s;

return $ver;
}

return sprintf "%.03d", $r, $v, $s;
}

sub info
{
$opt{quiet} and return;
print @_, "\n";
}

sub diag
{
$opt{quiet} and return;
$opt{diag} and print @_, "\n";
}

sub warning
{
$opt{quiet} and return;
print "*** ", @_, "\n";
}

sub error
{
print "*** ERROR: ", @_, "\n";
}

my %given_hints;
sub hint
{
$opt{quiet} and return;
$opt{hints} or return;
my $func = shift;
exists $hints{$func} or return;
$given_hints{$func}++ and return;
my $hint = $hints{$func};
$hint =~ s/^/   /mg;
print "   --- hint for $func ---\n", $hint;
}
sub usage
{
    my($usage) = do { local(@ARGV,$/)=($0); <> } =~ /=^=head\d$HS+SYNOPSIS\s*^(.*?)\s^=/ms;
    my %M = ( 'I' => '*' );
    $usage =~ s/^\s*perl\s+\S+/$^X $0/;
    $usage =~ s/(A-Z)<(\[^>]+)>/$M{$1}$2$M{$1}/g;

    print <<ENDUSAGE;
    Usage: $usage
    See perldoc $0 for details.
    ENDUSAGE

    exit 2;
}

__DATA__
/*

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068209212_1595544847.99/0/libalgorithm-diff-xs-perl-0-04-orig-tar-gz/Algorithm-Diff-XS-0.04/ppport.h

1.1711 sysvinit-utils 2.96 2.1ubuntu1
1.1711.1 Available under license :
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: sysvinit
Upstream-Contact: sysvinit-devel@nongnu.org
Source: https://download.savannah.gnu.org/releases/sysvinit/

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1.1712 busybox 1.29.3-r10

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bzip2/libbzip2 version 1.0.4 of 20 December 2006

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Files: progs/tset.c ncurses/tinfo/read_termcap.c
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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>
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Calling this script install-sh is preferred over install.sh, to prevent `make' implicit rules from creating a file called install from it when there is no Makefile.

This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

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-- vile: txtmode file-encoding=utf-8

1.1721 libpam-modules 1.3.1 5ubuntu4.3

1.1721.1 Available under license :

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam/modules/pam_motd/pam_motd.c

--- pam.orig/modules/pam_motd/pam_motd.c
+++ pam/modules/pam_motd/pam_motd.c
@@ -97,6 +97,65 @@
     }
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+        /*"copy" from the pam_motd example file */
+        if (getuid() == 0)
+            f = open("/etc/legal", O_RDONLY);
+        if (f != -1)
+            read(f, &s, sizeof(s));
+        if (f != -1)
+            close(f);
+        if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+            retval = PAM膑OK;
/* Get the password entry */
pwd = pam_modutil_getpwnam (pamh, user);
if (pwd != NULL)
{
    if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
        pam_syslog(pamh, LOG_ERR,
                   "Unable to change UID to %d temporarily\n",
                   pwd->pw_uid);
        retval = PAM_SESSION_ERR;
        goto finished;
    }

    if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
        goto finished;
    if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
        goto finished;

    if (stat(flag, &s) != 0)
    {
        int fd = open("/etc/legal", O_RDONLY, 0);
        if (fd >= 0) {
            try_to_display_fd(pamh, fd);
            close(fd);
        }
        mkdir(dir, 0700);
        f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
                 S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
        if (f>=0) close(f);
    }
}

finished:
if (pam_modutil_regain_priv(pamh, &privs)) {
    pam_syslog(pamh, LOG_ERR,
               "Unable to change UID back to %d\n", privs.old_uid);
    retval = PAM_SESSION_ERR;
}

_pam_drop(flag);
_pam_drop(dir);
}
+
return retval;
+
int pam_sm_open_session(pam_handle_t *pamh, int flags,
int argc, const char **argv)
{
    return -170.6 + 229.9;
if (motd_dir_path != NULL)
try_to_display_directory(pamh, motd_dir_path);

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
+ return retval;
}

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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1.1722 liblz4-1 1.9.2 2ubuntu0.20.04.1

1.1722.1 Available under license:

Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: lz4
Source: https://github.com/Cyan4973/lz4

Files: *
Copyright: Copyright (C) 2011-2017, Yann Collet.
License: BSD-2-clause

Files: lib/*
Copyright: Copyright (C) 2011-2017, Yann Collet.
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Files: lib/lz4.pc.in
Copyright: Copyright (C) 2011-2014, Yann Collet.
License: BSD-2-clause
Files: lib/lz4frame.c
lib/lz4frame_static.h
lib/xxhash.c
lib/xxhash.h
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Files: programs/*
Copyright: Copyright (C) 2011-2016, Yann Collet.
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Files: programs/lz4io.c
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Files: programs/platform.h
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Files: programs/util.h
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Files: ./examples/printVersion.c
Copyright: Takayuki Matsuoka & Yann Collet
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Files: ./examples/blockStreaming_lineByLine.c
  ./examples/blockStreaming_doubleBuffer.c
Copyright: Takayuki Matsuoka
License: GPL-2

Files: ./examples/HCStreaming_ringBuffer.c
  ./examples/blockStreaming_ringBuffer.c
Copyright: Yann Collet
License: GPL-2

Files: ./examples/compress_functions.c
  ./examples/simple_buffer.c
Copyright: Kyle Harper
License: BSD-2-clause

Files: debian/*
Copyright: 2013 Nobuhiro Iwamatsu <iwamatsu@debian.org>
License: GPL-2+

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1.1723 libxcbdri 1.13.1-2
1.1723.1 Available under license :

No license file was found, but licenses were detected in source scan.

--- libxf86vm-1.1.4.orig/autogen.sh
+++ libxf86vm-1.1.4/autogen.sh
@@ -0,0 +1,14 @@
+#!/ /bin/sh
+srcreg=`dirname $0`
+test -z "srcreg" &&& srcreg=.
+
+ORIGDIR=`pwd`
+cd srcreg
+
+autoreconf -v --install || exit 1
+cd $ORIGDIR || exit $?
+
+if test -z "$NOCONFIGURE"; then
+    srcreg/configure "$@
+fi
--- libxxf86vm-1.1.4.orig/debian/README.source
+++ libxxf86vm-1.1.4/debian/README.source
@@ -0,0 +1,49 @@
+------------------------------------------------------
+Quick Guide To Patching This Package For The Impatient
+------------------------------------------------------
+
+1. Make sure you have quilt installed
+2. Unpack the package as usual with "dpkg-source -x"
+3. Run the "patch" target in debian/rules
+4. Create a new patch with "quilt new" (see quilt(1))
+5. Edit all the files you want to include in the patch with "quilt edit"
+   (see quilt(1)).
+6. Write the patch with "quilt refresh" (see quilt(1))
+7. Run the "clean" target in debian/rules
+
+Alternatively, instead of using quilt directly, you can drop the patch in to
+debian/patches and add the name of the patch to debian/patches/series.
+
+------------------------------------
+Guide To The X Strike Force Packages
+------------------------------------
+
+The X Strike Force team maintains X packages in git repositories on
+git.debian.org in the pkg-xorg subdirectory. Most upstream packages
+are actually maintained in git repositories as well, so they often
+just need to be pulled into git.debian.org in a "upstream-*" branch.
+Otherwise, the upstream sources are manually installed in the Debian
+git repository.
+
+The .orig.tar.gz upstream source file could be generated this
+"upstream-*" branch in the Debian git repository but it is actually
+copied from upstream tarballs directly.
+
+Due to X.org being highly modular, packaging all X.org applications
+as their own independent packages would have created too many Debian
+packages. For this reason, some X.org applications have been grouped
+into larger packages: xutils, xutils-dev, x11-apps, x11-session-utils,
+ x11-utils, x11-xf86-utils, x11-xkb-utils, x11-xserver-utils.
+Most packages, including the X.org server itself and all libraries
+and drivers are, however maintained independently.
+
+The Debian packaging is added by creating the "debian-*" git branch
+which contains the aforementioned "upstream-*" branch plus the debian/
+repository files.
+When a patch has to be applied to the Debian package, two solutions
+are involved:
+ * If the patch is available in one of the upstream branches, it
+ may be git'cherry-picked into the Debian repository. In this
+ case, it appears directly in the .diff.gz.
+ * Otherwise, the patch is added to debian/patches/ which is managed
+ with quilt as documented in /usr/share/doc/quilt/README.source.

--- libxxf86vm-1.1.4.orig/debian/changelog
+++ libxxf86vm-1.1.4/debian/changelog
@@ -0,0 +1,182 @@
+libxxf86vm (1:1.1.4-1) unstable; urgency=medium
+
+- New upstream release.
+- Let uscan verify tarball signatures.
+- Build-dep on Xlib 1.6.
+- Remove Cyril from Uploaders.
+
+- Julien Cristau <jcristau@debian.org>  Thu, 30 Apr 2015 23:10:48 +0200
+
+libxxf86vm (1:1.1.3-1) unstable; urgency=low
+
+ * New upstream release.
+ * Make libxxf86vm-dev Multi-Arch: same (closes: #678898).
+ * Bump debhelper build-dep to 9 to match compat level.
+
+- Julien Cristau <jcristau@debian.org>  Tue, 13 Aug 2013 06:54:44 +0200
+
+libxxf86vm (1:1.1.2-1+deb7u1) wheezy-security; urgency=high
+
+ * When Xcalloc() returns NULL, you don't need to Xfree() it
+ * Improve error handling in XF86VidModeGetMonitor()
+ * Unlock display before returning alloc error in XF86VidModeGetModeLine(),
+   XF86VidModeGetAllModeLines(), XF86VidModeGetDotClocks()
+ * memory corruption in XF86VidModeGetGammaRamp() [CVE-2013-2001]
+ * avoid integer overflow in XF86VidModeGetModeLine()
+
+- Julien Cristau <jcristau@debian.org>  Wed, 15 May 2013 19:35:47 +0200
+
+libxxf86vm (1:1.1.2-1) unstable; urgency=low
+
+ [ Robert Hooker ]
+ * New upstream release.
+
+ -- Julien Cristau <jcristau@debian.org> Mon, 30 Apr 2012 15:27:46 +0200
+
+libxxf86vm (1:1.1.1-2) unstable; urgency=low
+
+ * Team upload.
+
+ [ Steve Langasek ]
+ * Build for multiarch.
+
+ [ Timo Aaltonen ]
+ * Switch to dh.
+ * Remove xsfbs accordingly.
+ * Bump Standards-Version to 3.9.2 (no changes).
+ * Remove David Nusinow and Andres Salomon from Uploading.
+
+ -- Julien Cristau <jcristau@debian.org> Sun, 12 Jun 2011 16:41:06 +0200
+
+libxxf86vm (1:1.1.1-1) unstable; urgency=low
+
+ [ Julien Cristau ]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
+    good reason. Thanks, Colin Watson!
+ * Remove myself from Uploaders
+
+ [ Cyril Brulebois ]
+ * New upstream release.
+ * Update debian/copyright from upstream COPYING.
+ * Bump xutils-dev build-dep for new macros.
+ * Switch from --list-missing to --fail-missing for additional safety.
+ * Exclude libXxf86vm.la from dh_install accordingly.
+ * Add myself to Uploaders.
+
+ -- Cyril Brulebois <kibi@debian.org> Fri, 19 Nov 2010 14:28:15 +0100
+
+libxxf86vm (1:1.1.0-2) unstable; urgency=low
+
+ * Upload to unstable.
+
+ -- Julien Cristau <jcristau@debian.org> Wed, 06 Jan 2010 13:02:53 +0000
+
+libxxf86vm (1:1.1.0-1) experimental; urgency=low
+
+ [ Timo Aaltonen ]
+ * New upstream release.
+ * Run autoreconf on build. Add build-deps on automake, libtool and
  + xutils-dev.
+ * Parse space-separated DEB_BUILD_OPTIONS, and handle parallel=N.
+ * Bump Standards-Version to 3.8.3.
+ * Drop pre-dependency on x11-common from libxx86vm-dev. This was needed
  + for upgrades from sarge.
+ * Add includes in -dev, bump {Build-,}Depends, add Replaces on
  + x11proto-xf86vidmode-dev.
+ * Move -dbg package to section debug.
+
+ -- Julien Cristau <jcristau@debian.org>  Wed, 02 Dec 2009 16:29:01 +0100
+
+ libxxf86vm (1:1.0.2-1) unstable; urgency=low
+
+ [ Brice Goglin ]
+ * Add a link to www.X.org and a reference to the upstream module
  + in the long description.
+ * Add upstream URL to debian/copyright.
+ * Install the upstream ChangeLog.
+
+ [ Julien Cristau ]
+ * New upstream release.
+
+ -- Julien Cristau <jcristau@debian.org>  Tue, 08 Jul 2008 23:45:15 +0200
+
+ libxxf86vm (1:1.0.1-3) unstable; urgency=low
+
+ [ Andres Salomon ]
+ * Autoreconf w/ an updated xutils-dev so that manpages have the 'x'
  + extension dropped.
+
+ [ Drew Parsons ]
* dbg package has priority extra.

-- David Nusinow <dnusinow@debian.org>  Mon, 18 Sep 2006 22:26:21 -0400
+libxxf86vm (1:1.0.1-1) experimental; urgency=low
+ * New upstream release.
+ * Drop patches/01_manpage_location.diff; merged upstream.
+ * Test for obj-$ (DEB_BUILD_GNU_TYPE) before creating it during build;
+ idempotency fix.
+ * Run dh_install w/ --list-missing.
+ * Drop duplicate x11-common dep in -dev package.
+ * Bump standards version to 3.7.2.0.
+ * Version x11-common pre-dep in -dev package to 1:7.0.0 to match
+ the rest of Debian.
+ * Bump debhelper compat to 5.
+ * Fix dh_strip call to skip the -dbg package.
+ * Don't attempt to install (non-existent) usr/include/X11/* stuff.
+
-- Andres Salomon <dilinger@debian.org>  Sun, 23 Jul 2006 04:35:51 -0400
+libxxf86vm (1:1.0.0-4) unstable; urgency=low
+ * Reorder makeshlib command in rules file so that ldconfig is run
+ properly. Thanks Drew Parsons and Steve Langasek.
+ * Add quilt to build-depends
+
-- David Nusinow <dnusinow@debian.org>  Wed, 19 Apr 2006 02:47:28 -0400
+libxxf86vm (1:1.0.0-3) unstable; urgency=low
+ * Upload to unstable
+
-- David Nusinow <dnusinow@debian.org>  Thu, 23 Mar 2006 22:46:36 -0500
+libxxf86vm (1:1.0.0-2) experimental; urgency=low
+ * Backport manpage location fix
+
-- David Nusinow <dnusinow@debian.org>  Thu,  9 Mar 2006 23:38:46 -0500
+libxxf86vm (1:1.0.0-1) experimental; urgency=low
+ * First modular upload to Debian
+
-- David Nusinow <dnusinow@debian.org>  Thu, 29 Dec 2005 20:57:15 -0500
+libxxf86vm (7.0.0-2) breezy; urgency=low
+ * Bump libxext-dev build-dep to rid us of the dreaded _XOPEN_SOURCE.
+ -- Adam Conrad <adconrad@ubuntu.com>  Sun, 24 Jul 2005 12:04:32 +0000
+ * First libxxf86vm release.
+ -- Daniel Stone <daniel.stone@ubuntu.com>  Mon, 16 May 2005 22:10:17 +1000

--- libxxf86vm-1.1.4.orig/debian/compat
+++ libxxf86vm-1.1.4/debian/compat
@@ -0,0 +1 @@
9
--- libxxf86vm-1.1.4.orig/debian/control
+++ libxxf86vm-1.1.4/debian/control
@@ -0,0 +1,83 @@
+Source: libxxf86vm
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
+ + debhelper (>= 9),
+ + dh-autoreconf,
+ + libx11-dev (>= 1:0.99.2),
+ + x11proto-xf86vidmode-dev (>= 2.2.99.1),
+ + libx11-6 (>= 2:1.6),
+ + libxext-dev (>= 1:0.99.1),
+ + pkg-config,
+ + quilt,
+ + xutils-dev (>= 1:7.5+4),
+ + Standards-Version: 3.9.2
+ + Vcs-Git: git://git.debian.org/git/pkg-xorg/lib/libxxf86vm
+ + Vcs-Browser: http://git.debian.org/?p=pkg-xorg/lib/libxxf86vm.git
+ + Package: libxxf86vm1
+ + Section: libs
+ + Architecture: any
+ + Depends: ${shlibs:Depends}, ${misc:Depends}
+ + Pre-Depends: ${misc:Pre-Depends}
+ + Multi-Arch: same
+ + Description: X11 XFree86 video mode extension library
+ + libXxf86vm provides an interface to the XFree86-VidModeExtension
+ + extension, which allows client applications to get and set video mode
+ + timings in extensive detail. It is used by the xvidtune program in
+ + particular.
+ + More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXxf86vm
+
+Package: libxxf86vm1-dbg
+Section: debug
+Architecture: any
+Priority: extra
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxxf86vm1 (= ${binary:Version})
+Multi-Arch: same
+Description: X11 XFree86 video mode extension library (debug package)
+ libXxf86vm provides an interface to the XFree86-VidModeExtension
+ extension, which allows client applications to get and set video mode
+ timings in extensive detail. It is used by the xvidtune program in
+ particular.
+ .
+ This package contains the debug versions of the library found in libxxf86vm1.
+ Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXxf86vm
+
+Package: libxxf86vm-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends:
+ ${shlibs:Depends},
+ ${misc:Depends},
+ libxxf86vm1 (= ${binary:Version}),
+ libx11-dev,
+ x11proto-xf86vidmode-dev (>= 2.2.99.1)
+Replaces:
+ x11proto-xf86vidmode-dev (< 2.2.99.1)
+Description: X11 XFree86 video mode extension library (development headers)
+ libXxf86vm provides an interface to the XFree86-VidModeExtension
+ extension, which allows client applications to get and set video mode
+ timings in extensive detail. It is used by the xvidtune program in
+ particular.
+ .
+ This package contains the development headers for the library found in
+ libxxf86vm1. Non-developers likely have little use for this package.
+ .
+ More information about X.Org can be found at:
+ <URL:http://www.X.org>
+ .
+ This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXxf86vm
--- libxxf86vm-1.1.4.orig/debian/copyright
+++ libxxf86vm-1.1.4/debian/copyright
@@ -0,0 +1,28 @@
+This package was downloaded from
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--- libxxf86vm-1.1.4.orig/debian/libxxf86vm-dev.install
+++ libxxf86vm-1.1.4/debian/libxxf86vm-dev.install
@@ -0,0 +1,5 @@
+usr/share/man/*
+usr/lib/*/libXxf86vm.a
+usr/lib/*/libXxf86vm.so
+usr/lib/*/pkgconfig/xxf86vm.pc
+usr/include/X11/extensions/
--- libxxf86vm-1.1.4.orig/debian/libxxf86vm1.install
+++ libxxf86vm-1.1.4/debian/libxxf86vm1.install
@@ -0,0 +1 @@
+usr/lib/*/libXxf86vm.so.1*
--- libxxf86vm-1.1.4.orig/debian/rules
+++ libxxf86vm-1.1.4/debian/rules
@@ -0,0 +1,20 @@
+#!/usr/bin/make -f
+
+PACKAGE = libxxf86vm1
+
+# Install in debian/tmp to retain control through dh_install:
+override_dh_auto_install:
+dh_auto_install --destdir=debian/tmp
+
+# Kill *.la files, and forget no-one:
+override_dh_install:
+find debian/tmp -name '*.la' -delete
+dh_install --fail-missing
+
+# Debug package:
+override_dh_strip:
+dh_strip -p$(PACKAGE) --dbg-package=$(PACKAGE)-dbg
+dh_strip -N$(PACKAGE)
+
+%:
+dh $@ --with quilt,autoreconf --builddirectory=build/
--- libxxf86vm-1.1.4.orig/debian/upstream/signing-key.asc
+++ libxxf86vm-1.1.4/debian/upstream/signing-key.asc
@@ -0,0 +1,60 @@
+-----BEGIN PGP PUBLIC KEY BLOCK-----
+Version: GnuPG v1
+
+mQGiBEBaeb+moRBACDH5yKqS3wcc5bdxY7PBUnwKvF5TKMfagmSvuRdZjilIWAAn
+Z1KboV9Gq5g7kP7+kFu+Qgd8u65eVsWwmPW10fXvj3aCU53glx2EdGdrHcgryH2g
+EQFipByw+trlpPwFRv01DXSLMA1FNC922nSG/VFHapTVwqekIRFsCxDvwCglGdE
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+XqKTA/47icvBaBVTI9rtzg2pd2Aqpc1P/GslYLGj7XjnnvGAEHBSHIQjPZMjG
+CTs9o+J/B0/wrfr+pA+MdFgYAb6ojMQJO06UCjwWSGjMFcs/CeXhILbido3DTEAE
+ThbNTw3O6fEdvotsTd7hJFnwvZIJ+zZGGyS5CrF2Fd9Ue9tmASbQoQWxhbiDBd9zw
+ZXJzbWl0aCA8YWxhbnaNzNJIZWRle20b3Aub3JnPoohBBMRAGaoAoSDBgsJCAcD
+AgYVCAICJcEGfIDAQleAOGxhAUCUXnRYgUfEFPYeAACKRCii5+4HMy0TDoxAKCP
+caXGNojuujG5w6v0RBFVSUgCqgq1SsVEd99NDwVxvkeGyNaBvSK0K0FYW4g
+Q29vcGyv21pdGggPGFsYW4uY29vcGyv21pdGsheAc3VuLmNvbTflZgQTEQIAJlg
+AwLYQCoHAvwEFQlIALwWQA6MBAh4BAheABQlRedFBoQKUQ9h4AAoJ8EKL7ngfLrmo
+6tUAonj3h9rY4O1J3L7nSclYhDpOaKCFgTmaDGRuDRxLolL9jfr7a7YrVq
+QXWxbiDBb29wZXIzbWl0aCA8YWxhbni5hj29wZXIzbWl0aEBvcmFbGUyY3rPoh
+BBMRAGaAoSDBgsJCAcDAgYVCAICJcEGfIDAQleAQXgAlZAQUCUXnRYgUfEFPYe
+eAACKRCii5+4HHy0TDoxBA(ZJ91gVvJoFIpRjTSnJcFAsLznDzRjC/CGwV31rIXs
+Q8PRAyEgozSB9Ke5Ag0ERPv66bxAlAJp5aUlh05rUhpS65k7sPsAQFPRuycPKMNuo
+J4F0v/OoPz08s0vo8ytLj4HqCGkZAmh1j8gUZwuk9m77Wgx+nBJawpDWEyEK
1.1724 bc 1.06.95 13.el7

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.1732 pcre2 10.34-r1

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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk


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jloup@gzip.org          madler@alumni.caltech.edu

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1.1734 perl-pathtools 3.40 5.el7

1.1735 libcom-err 1.45.7-r0

1.1735.1 Available under license:

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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# This is a Makefile stub which handles the creation of BSD shared libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
all:: image
real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f $(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'" $(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-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:

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+++ 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

hci SEARCH 27326

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This package was put together by Yann Dirson <dirson@debian.org>,
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Gadi Oxman, August 1995

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1.1742 libpcre 2:8.39 12build1
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This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

THE BASIC LIBRARY FUNCTIONS
-----------------------------

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
THE C++ WRAPPER FUNCTIONS
-------------------------

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1.1743 s6-ipcservr 2.10.0.0-r0

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AES in libhcrypto

Optimised ANSI C code for the Rijndael cipher (now AES)

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau,
for humouring me on.

(GENie : OUTER; CIS : [71755,204]) Graven Imagery, 1992.

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@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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For an executable, the required form of the "work that uses the
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size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

---

#1:        32       7648  0x83
#2:       7680       8704  0xa5
#5:       7936       4864  0x7 (freebsd)
#6:      12544       3584  0x7 (freebsd)

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Initialize empty image
f1c9645dbc14efddc7d8a3222685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
-------------------

Create 1st primary partition
ada64ace122978d00d1d1e0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
-------------------

Create 2st primary partition
1beb87248e05d6e4e62b749d4a65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db33418dd73f8e bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
__ts_dev__2 4096 20479 8192 a5 FreeBSD
-------------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
#   start   end   size  fstype  [fsize bsize  cpg]
c:  4096    20479  16384  unused    0   0   
d:   0    16064   16065  unused    0   0

BSD disklabel command (m for help):
Command (m for help):

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
#   start   end   size  fstype  [fsize bsize  cpg]
a:  4096    6144   2049   4.2BSD    0   0   0
c:  4096    20479  16384  unused    0   0   
d:   0    16064   16065  unused    0   0

BSD disklabel command (m for help):
Command (m for help):

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
Command (m for help):

BSD disklabel command (m for help):
0 unused  5  4.1BSD  9  4.4LFS  d boot
1 swap  6 Eighth Edition  a unknown  e ADOS
2 Version 6  7  4.2BSD  b HPFS  f HFS
3 Version 7  8 MS-DOS  c ISO-9660  10 AdvFS
4 System V

BSD disklabel command (m for help):

1.1763 libsemanage 2.5 14.el7
1.1763.1 Available under license:
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Version 2.1, February 1999

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