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1.5 go-shellwords 1.0.3

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1.6 pyjwt 1.3.0 1ubuntu0.1

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1.7 aop-alliance 2.4.0

1.8 system-api 1.1.0

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1.9 console-setup 1.108ubuntu15.5

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7. This requirement modifies the requirement in section 4 to
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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
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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
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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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(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 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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1.26 busybox 1.22.0 15ubuntu1.4
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Julian Seward, Cambridge, UK.

jseward@bzip.org

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1.27 jersey 2.17

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1.29 log4j-over-slf4j 1.7.25

1.30 bind 9.10.4_p6-r0

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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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 3a982da308228d796df35f98d787c5cfff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>
atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
These files were derived from the file_handle, systembuf, pipe and pistream
classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

admin/check-style.sh, admin/check-style-common.awk,
admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,
except the first one, were first implemented in the Buildtool project.
They were later adapted to be part of Boost.Process and, during that
process, the shell script was created.

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1.37 fdisk 2.27.1-6ubuntu3.2

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Initialize empty image
f1c9645db14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2e9 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device     Boot Start   End Sectors Size Id Type
<removed>1       2048  4095    2048   1M 83 Linux

Create 2nd primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73f8e bsd.img

---layout-------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device     Boot Start   End Sectors Size Id Type
<removed>1       2048  4095    2048   1M 83 Linux
<removed>2       4096 20479   16384   8M a5 FreeBSD

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout-------

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
Command (m for help): Entering nested BSD disk label.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start  End Sectors  Size Type     Fsize Bsize Cpg
  c  4096 20479   16384    8M unused       0     0   0
  d  0 16064   16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disk label.

Command (m for help):
-------------------
b5c121c2091b2ff26b880551feac7112 bsd.img
---layout---------
Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disk label.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start  End Sectors  Size Type     Fsize Bsize Cpg
  a  4096 6144    2049  1M 4.2BSD       0     0   0
  c  4096 20479   16384    8M unused       0     0   0
  d  0 16064   16065  7.9M unused       0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disk label.

Command (m for help):
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):
0 unused 5 4.1BSD 9 4.4LFS d boot
1 swap 6 Eighth Edition a unknown e ADOS
2 Version 6 7 4.2BSD b HPFS f HFS
3 Version 7 8 MS-DOS c ISO-9660 10 AdvFS
4 System V

Command (m for help):
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1.38 libcap 2.24 12

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#[cfg(feature = "futures")]
use futures::future;
use gio_sys;
use glib::object::Cast;
use glib::object::IsA;
use glib::signal::connect_raw;
use glib::SignalHandlerId;
use glib::translate::*;
use glib_sys;
use gobject_sys;
use std::boxed::Box as Box_
use std::fmt;
use std::mem::transmute;
use std::ptr;
use Cancellable;
use Error;

glib_wrapper! { 
    pub struct Permission(Object<gio_sys::GPermission, gio_sys::GPermissionClass, PermissionClass>);

    match fn {
        get_type => || gio_sys::g_permission_get_type(),
    }
}

pub const NONE_PERMISSION: Option<&Permission> = None;

pub trait PermissionExt: 'static {
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), Error>;

    fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        callback: Q,
    );

    #[cfg(feature = "futures")]
    fn acquire_async_future(
        &self,
    ) -> Box<dyn future::Future<Output = Result<(), Error>> + std::marker::Unpin>;

    fn get_allowed(&self) -> bool;

    fn get_can_acquire(&self) -> bool;

    fn get_can_release(&self) -> bool;

    fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool);

    fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), Error>;

    fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        callback: Q,
    );
}
fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

impl<O: IsA<Permission>> PermissionExt for O {
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), Error> {
        unsafe {
            let mut error = ptr::null_mut();
            let _ = gio_sys::g_permission_acquire(
                self.as_ref().to_glib_none().0,
                cancellable.map(|p| p.as_ref()).to_glib_none().0,
                &mut error,
            );
            if error.is_null() {
                Ok(())
            } else {
                Err(from_glib_full(error))
            }
        }
    }
    fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), Error>) + Send + 'static>(&self, cancellable: Option<&P>,
        callback: Q,)
    {
        let user_data: Box<Q> = Box::new(callback);
        unsafe extern "C" fn acquire_async_trampoline<P: IsA<Cancellable>, Q: FnOnce(Result<(), Error>) + Send + 'static, Q: FnOnce(Result<(), Error>) + Send + 'static,>(
            _source_object: *mut gobject_sys::GObject,
            res: *mut gio_sys::GAsyncResult,
            user_data: glib_sys::gpointer,
        ) {
            let mut error = ptr::null_mut();
            let _ = gio_sys::g_permission_acquire_finish(_source_object as *mut _, res, &mut error);
            let result = if error.is_null() {
                Ok(())
            } else {
                Err(from_glib_full(error))
            }
        }
    }
}
Err(from_glib_full(error))
};
let callback: Box<Q> = Box::from_raw(user_data as *mut _);
callback(result);
}
let callback = acquire_async_trampoline::<Q>;
unsafe {
    gio_sys::g_permission_acquire_async(
        self.as_ref().to_glib_none().0,
        cancellable.map(|p| p.as_ref()).to_glib_none().0,
        Some(callback),
        Box::into_raw(user_data) as *mut _,
    );
}

#[cfg(feature = "futures")]
fn acquire_async_future(&self,)
) -> Box<dyn future::Future<Output = Result<(), Error>> + std::marker::Unpin> {
    use fragile::Fragile;
    use GioFuture;

    GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        let send = Fragile::new(send);
        obj.acquire_async(Some(&cancellable), move |res| {
            let _ = send.into_inner().send(res);
        });

        cancellable
    })
}

fn get_allowed(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_allowed(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn get_can_acquire(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_acquire(
            self.as_ref().to_glib_none().0,
        ))
    }
}
fn get_can_release(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_release(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool) {
    unsafe {
        gio_sys::g_permission_impl_update(
            self.as_ref().to_glib_none().0,
            allowed.to_glib(),
            can_acquire.to_glib(),
            can_release.to_glib(),
        );
    }
}

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), Error> {
    unsafe {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            &mut error,
        );
        if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        }
    }
}

fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
) {
    let user_data: Box<Q> = Box::new(callback);
    unsafe extern "C" fn release_async_trampoline<Q: FnOnce(Result<(), Error>) + Send + 'static,>(
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio_sys::GAsyncResult,
        res
    )
}
let callback = release_async_trampoline::<Q>;
unsafe {
    gio_sys::g_permission_release_async(
        self.as_ref().to_glib_none().0,
        cancellable.map(|p| p.as_ref()).to_glib_none().0,
        Some(callback),
        Box::into_raw(user_data as *mut _)
    );
}

fn release_async_future(&self, ...) -> Box::<dyn Future<Output = Result<(), Error>> + std::marker::Unpin> {
    use fragile::Fragile;
    use GioFuture;
    GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        let send = Fragile::new(send);
        obj.release_async(Some(&cancellable), move |res| {
            let _ = send.into_inner().send(res);
        });

        cancellable
    })
}

fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_allowed_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
let f: &F = &*(f as *const F);
f(&Permission::from_glib_borrow(this).unsafe_cast())
}

unsafe {
    let f: Box_]<F> = Box_::new(f);
    connect_raw(
        self.as_ptr() as *mut _,
        b"notify::allowed0\".as_ptr() as *const _,
        Some(transmute(notify_allowed_trampoline::<Self, F> as usize)),
        Box_::into_raw(f),
    )
}

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_acquire_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
}

unsafe {
    let f: Box_]<F> = Box_::new(f);
    connect_raw(
        self.as_ptr() as *mut _,
        b"notify::can-acquire0\".as_ptr() as *const _,
        Some(transmute(notify_can_acquire_trampoline::<Self, F> as usize)),
        Box_::into_raw(f),
    )
}

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_release_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
}
unsafe {
    let f: Box_<F> = Box_::new(f);
    connect_raw(
        self.as_ptr() as *mut _,
        b"notify::can-release\0".as_ptr() as *const _,
        Some::<F>(notify_can_release_trampoline::<Self, F>(Box_::into_raw(f)),
    )
}
}

impl fmt::Display for Permission {
    fn fmt(&self, f: &mut fmt::Formatter) -> fmt::Result {
        write!(f, "Permission")
    }
}

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The Debian tree is maintained with "git" at:
https://anonscm.debian.org/git/kernel/initramfs-tools.git
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uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
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
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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, file_io/unix/mktemp.c, strings/apr_strings.c:

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

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From dso/aix/dso.c:

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

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From strings/apr_snprintf.c:

*cvt - IEEE floating point formatting routines.
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1.51 jetty-nested 8.1.10.v20130312

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888  8  8 888 .d88  Y8888 .8P
888  8 888ooo88P` `8888
888  8 888  .8PY888
`88. `8' 888  d8'  `888b
`YbodP' o888o o888o o88888o
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It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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# Jackson JSON processor

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

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1.84 git 2.7.4-0ubuntu1.8

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1.95 supervisor 3.2.0-2ubuntu0.2

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1.96 alpine-keys 1.1-r0

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# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
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"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
"

_builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
    cd "$_builddir"
    update_config_sub || return 1
}
build() {
    cd "$_builddir"
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
        ...
|| return 1
make || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
}

md5sums="08559ff3c67fd95d57b0c5e91a6b4302  libart_lgpl-2.3.21.tar.bz2"

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pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends="" 
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/$_pkgreal-$pkgver.tar.gz"

_builddir="$srdir/$_pkgreal-$pkgver"

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

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

package() {
    cd "$_builddir"
    make DESTDIR="$pkgdir" install || return 1
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
mini_sendmail - accept email on behalf of real sendmail

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SUCH DAMAGE.
fix issues with fortify-headers and the way openssh handles the needed
BSD compatible realpath(3)

diff --git a/openbsd-compat/openbsd-compat.h b/openbsd-compat/openbsd-compat.h
index 1f7114.e552a10 100644
--- a/openbsd-compat/openbsd-compat.h
+++ b/openbsd-compat/openbsd-compat.h
@@ -70,12 +70,8 @@ void *reallocarray(void *, size_t, size_t);
 #endif
 #if !defined(HAVE_REALPATH) || defined(BROKEN_REALPATH)
-/*
- * glibc's FORTIFY_SOURCE can redefine this and prevent us picking up the
- * compat version.
- */
-# ifdef BROKEN_REALPATH
-# define realpath(x, y) _ssh_compat_realpath(x, y)
+# if !defined(BROKEN_REALPATH)
+# define ssh_realpath(x, y) realpath(x, y)
# endif
char *realpath(const char *path, char *resolved);

diff --git a/openbsd-compat/realpath.c b/openbsd-compat/realpath.c
index ba4cea9..1e67ebc 100644
--- a/openbsd-compat/realpath.c
+++ b/openbsd-compat/realpath.c
@@ -51,7 +51,7 @@
 /* in which case the path which caused trouble is left in (resolved).
 */
 char *
-realpath(const char *path, char *resolved)
+ssh_realpath(const char *path, char *resolved)
{
 struct stat sb;
 char *p, *q, *s;

diff --git a/sftp-server.c b/sftp-server.c
index eac11d7..ac51ca3 100644
--- a/sftp-server.c
+++ b/sftp-server.c
@@ -1162,7 +1162,7 @@
 }
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---

```
+SET client_min_messages = warning;
CREATE TABLE tree (id INT PRIMARY KEY, lchild INT, rchild INT);
-NOTICE:  CREATE TABLE / PRIMARY KEY will create implicit index "tree_pkey" for table "tree"
CREATE FUNCTION filltree (t text, n int) RETURNS void AS $$
  local p = server.prepare("insert into " .. t .. " values($1, $2, $3)",
    {"int4", "int4", "int4"})
---
```

```
+SET client_min_messages = warning;
CREATE TABLE tree (id INT PRIMARY KEY, lchild INT, rchild INT);
CREATE FUNCTION filltree (t text, n int) RETURNS void AS $$
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pkgname=py-flake8-copyright
.pkgname=flake8-copyright
pkgver=0.1
pkgrel=1
pkgdesc="Extension for flake8 which checks for copyrights"
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="python flake8"
depends_dev=""
makedepends="python-dev py-setuptools"
install=""
subpackages=""
source="http://pypi.python.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"

._builddir="$srcdir"/$_pkgname-$pkgver
prepare() {
local i
cd "$_builddir"
for i in $source; do
case $i in
*.patch) msg $i; patch -p1 -i "$srcdir"/$i || return 1;;
esac
done
}

build() {
cd "$_builddir"
python setup.py build || return 1
}

package() {


cd "$_builddir"

python setup.py --prefix=/usr --root="$pkgdir" || return 1
}

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sha256sums="34cba5411ef3f677b7ba8d7b063493c9ed5af9985b2da77807be94bf9e65823b  flake8-copyright-0.1.tar.gz"
sha512sums="c1ef4f8a4bd422b629ec481074256d33ca4c8e8f10c7a7da6619b01c18cfc6f8a86bf6c7ce4d73f29a93e0f23797e1a356abc242e9f556b979b75e3a8bfe46  flake8-copyright-0.1.tar.gz"

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# Contributor: Valery Kartel <valery.kartel@gmail.com>
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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=0
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="${cpanmakedeps}"
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"
1.97 hashicorp-uuid 1.1.5

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1.106 libtasn 4.7 3ubuntu0.16.04.3

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<signature of Ty Coon>, 1 April 1989
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That's all there is to it!

1.110 okhttp 3.9.0

1.111 ubuntu-advantage-tools
10ubuntu0.16.04.1
1.111.1 Available under license:

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1.113 httprouter 1.1-1
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1.114 json-c 0.11-4ubuntu2.6
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1.115 poi-examples 3.15

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1.120 jetty-security 9.4.2.v20170220

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1.122 cracklib 2.9.2 1ubuntu1
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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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  
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=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 applications are also GPL-2 which imo is just wrong. it isnt the place of =20
library to dictact to application writes what license they should be using.
Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
> > On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
directly
> > and see if he wants to relicense his code as LGPL... but at this
point,
> > it was enough to just get it consistent and documented as to what
it was
> > released under. This wasn't actually a license change, just a
> > clarification of the licensing that was already in place.
> > 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 isnt the
> > place of a
library to dictact to application writes what license they should
be using.
thus LGPL-2.1 enters to fill this void.

>mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

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

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

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

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL....

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

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

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.
> I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL....
> > My apologies for not chiming in in anything resembling a reasonable
timeframe.
> I'd also suggest the LGPL, for the reason you noted above. Alternately,
> GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now?
-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now?

yes. go for it. thanks++

-a

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

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now?
> >
> > yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...
-mike

---------
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 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 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: <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-56FBFE6E9F@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-OriginatingArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
> > -------- 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

1.123 spring-security-ldap 3.0.6
1.123.1 Available under license :

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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.

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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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The 95 level includes the 354,984 single words, 256,772 compound
words, 4,946 female names and the 3,897 male names, and 21,986 names
from the MWords package, ABLE.LST from the ENABLE Supplement, and some
additional words found in my part-of-speech database that were not
found anywhere else.

Accent information was taken from UKACD.

My VARCON package was used to create the American, British, and
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1.129 python 2.6.5

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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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1.141 selinux 2.4-3build2
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1.142 jboss-logging 3.2.1

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1.143 vim 7.4.1689-3ubuntu1.4

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*uganda.txt* For Vim version 7.4. Last change: 2013 Jul 06

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- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

==============================================================================
Kibaale Children's Centre* kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is
also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is
visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.
Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any
country, mostly from the post office. Use this name (which is
in my passport): "Abraham Moolenaar". Use Euro for the
currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form
that you can use for this. See "Others" below for the swift
code and IBAN number.
Any other method should work. Ask for information about
sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is
the most widely used Internet based payment system. It's
really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is
preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address
below. Minimal amount: $70 (my bank does not accept smaller
amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:
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Ty Coon, President of Vice

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README.txt for version 7.4 of Vim: Vi IMproved.

WHAT IS VIM?

Vim is a greatly improved version of the good old UNIX editor Vi. Many new
features have been added: multi-level undo, syntax highlighting, command line
history, on-line help, spell checking, filename completion, block operations,
script language, etc. There is also a Graphical User Interface (GUI)
available. Still, Vi compatibility is maintained, those who have Vi "in the
fingers" will feel at home. See "runtime/doc/vi_diff.txt" for differences with
Vi.

This editor is very useful for editing programs and other plain text files.
All commands are given with normal keyboard characters, so those who can type
with ten fingers can work very fast. Additionally, function keys can be
mapped to commands by the user, and the mouse can be used.

Vim runs under MS-Windows (NT, 2000, XP, Vista, 7, 8, 10), Macintosh, VMS and
almost all flavours of UNIX. Porting to other systems should not be very
difficult. Older versions of Vim run on MS-DOS, MS-Windows 95/98/Me, Amiga
DOS, Atari MiNT, BeOS, RISC OS and OS/2. These are no longer maintained.

DISTRIBUTION

You can often use your favorite package manager to install Vim. On Mac and Linux a small version of Vim is pre-installed, you still need to install Vim if you want more features.

There are separate distributions for Unix, PC, Amiga and some other systems. This README.txt file comes with the runtime archive. It includes the documentation, syntax files and other files that are used at runtime. To run Vim you must get either one of the binary archives or a source archive. Which one you need depends on the system you want to run it on and whether you want or must compile it yourself. Check "http://www.vim.org/download.php" for an overview of currently available distributions.

COMPILING

If you obtained a binary distribution you don't need to compile Vim. If you obtained a source distribution, all the stuff for compiling Vim is in the "src" directory. See src/INSTALL for instructions.

INSTALLATION

See one of these files for system-specific instructions. Either in the READMEdir directory (in the repository) or the top directory (if you unpack an archive):

README_ami.txt		Amiga
README_unix.txt		Unix
README_dos.txt	MS-DOS and MS-Windows
README_mac.txt	Macintosh
README_vms.txt	VMS

There are more README_*.txt files, depending on the distribution you used.

DOCUMENTATION

The Vim tutor is a one hour training course for beginners. Often it can be started as "vimtutor". See ":help tutor" for more information.

The best is to use ":help" in Vim. If you don't have an executable yet, read "runtime/doc/help.txt". It contains pointers to the other documentation files. The User Manual reads like a book and is recommended to learn to use
Vim. See ":help user-manual".

COPYING

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation to help orphans in Uganda. Please read the file "runtime/doc/uganda.txt" for details (do ":help uganda" inside Vim).

Summary of the license: There are no restrictions on using or distributing an unmodified copy of Vim. Parts of Vim may also be distributed, but the license text must always be included. For modified versions a few restrictions apply. The license is GPL compatible, you may compile Vim with GPL libraries and distribute it.

SPONSORING

Fixing bugs and adding new features takes a lot of time and effort. To show your appreciation for the work and motivate Bram and others to continue working on Vim please send a donation.

Since Bram is back to a paid job the money will now be used to help children in Uganda. See runtime/doc/uganda.txt. But at the same time donations increase Bram's motivation to keep working on Vim!

For the most recent information about sponsoring look on the Vim web site:

http://www.vim.org/sponsor/

CONTRIBUTING

If you would like to help making Vim better, see the CONTRIBUTING.md file.

INFORMATION

The latest news about Vim can be found on the Vim home page:
http://www.vim.org/

If you have problems, have a look at the Vim documentation or tips:
http://www.vim.org/docs.php
http://vim.wikia.com/wiki/Vim_Tips_Wiki

If you still have problems or any other questions, use one of the mailing lists to discuss them with Vim users and developers:
http://www.vim.org/mailinglist.php
If nothing else works, report bugs directly:
Bram Moolenaar <Bram@vim.org>

MAIN AUTHOR

Send any other comments, patches, flowers and suggestions to:

Bram Moolenaar E-mail: Bram@vim.org

1.144 zjsonpatch 0.3.0

1.145 pflag 2.2.1

1.145.1 Available under license:

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1.146 libpng 1.6.20

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1.149 guregu-null 3.2.0

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1.150 jetty 8.1.10.v20130312

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1.155 mongodb-driver-async 3.7.1

1.156 parallel 20161222-1~ubuntu0.16.04.1
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1.162 jackson-jaxrs-json-provider 2.7.6
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1.168 xmlsec-java 8-8.38.0.10-1

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1.172 core-module 1.2.3

1.173 boost 1.60.0
1.173.1 Available under license:

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#include <boost/mpl/fold.hpp>
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/vector.hpp>

template <typename State, typename X>
struct f { using type = X; };

struct state { };

template <int i>
struct t { };

using vector = <%= mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>" }) %>

using result = boost::mpl::fold<vector, state, boost::mpl::quote2<f>>::type;

int main() { }

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Please note that these types no longer inherit from <code class="computeroutput"><span class="identifier">mpl</span><span class="special">::</span><span class="identifier">true_</span></code> or <code class="computeroutput"><span class="identifier">mpl</span><span class="special">::</span><span class="identifier">false_</span></code> etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from <code class="computeroutput"><span class="identifier">integral_constant</span></code> to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.
#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP
#include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
#pragma once
#endif

#include <cstddef>

namespace boost {
namespace interprocess {
namespace ipcdetail {

template <class T, T val>
struct integral_constant
{
    static const T value = val;
    typedef integral_constant<T,val> type;
};

template< bool C_ >
struct bool_ : integral_constant<bool, C_>
{
    static const bool value = C_;  
};

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

typedef true_  true_type;
typedef false_ false_type;

typedef char yes_type;
struct no_type
{
    char padding[8];
};

template <bool B, class T = void>
struct enable_if_c {
    typedef T type;
};
template <class T>
struct enable_if_c<false, T> {}

template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {}

template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> {}

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

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

template<
    typename T1
, typename T2
, typename T3
>
struct if_c
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};
} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {

#endif  //#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
/
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 * LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
 */

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

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
    const fs::path& root;
    const fs::path& file;
    split_path(const fs::path& r, const fs::path& f)
        : root(r), file(f) {}
    private:
        split_path& operator=(const split_path&);
std::ostream& operator << (std::ostream& os, const split_path& p)
{
    os << "<a href="" << (p.root / p.file).string() << ">" " << p.file.string() << "</a>";
    return os;
}

std::string make_link_target(const std::string& s)
{
    // convert an arbitrary string into something suitable
    // for an <a> name:
    std::string result;
    for(unsigned i = 0; i < s.size(); ++i)
    {
        result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
    }
    return result;
}

void bcp_implementation::output_license_info()
{
    std::pair<const license_info*, int> licenses = get_licenses();

    std::map<int, license_data>::const_iterator i, j;
    i = m_license_data.begin();
    j = m_license_data.end();

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
        msg += m_dest_path.string();
        msg += " for output."
        ;
        std::runtime_error e(msg);
        boost::throw_exception(e);
    }
    os <<
    "<!DOCTYPE HTML PUBLIC ""-//W3C//DTD HTML 4.0 Transitional//EN"">"n"
    "<html>n"
    "<head>n"
    "<title>Boost Licence Dependency Information";
    if(m_module_list.size() == 1)
    {
        os << " for " "(m_module_list.begin());
    }
}
"</title>\n" 
"</head>\n" 
"<body>\n" 
"<H1>Boost Licence Dependency Information</H1>
if(m_module_list.size() == 1) 
{ 
   os << " for " << *(m_module_list.begin()); 
}

os << "</H1>\n" 
"<H2>Contents</h2>\n" 
"<pre><a href="#input">Input Information</a>\n" 
if(!m_bsl_summary_mode)
   os << "<a href="#summary">Licence Summary</a>\n";
   os << "<a href="#details">Licence Details</a>\n";
os << "<a href="#files">Files with no recognised license</a>\n" 
   os << "<a href="#authors">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{ 
os << "Moving to the Boost Software License...
" 
   os << "<a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>\n" 
   os << "<a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>\n" 
   os << "<a href="#not-to-bsl">Files that can NOT be moved to the Boost Software License</a>\n" 
   os << "<a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>\n" 
   os << "<a href="#copyright">Copyright Holder Information</a>\n";
}

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

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

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
    os << *si << "<BR>
    ++si;
}

os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></p>";

// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):

fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex("\^[[:blank:]]*#\^[[:blank:]]*define\^[[:blank:]]*BOOST_VERSION\^[[:blank:]]*\([^d]+\)\); boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
    int version = boost::lexical_cast<int>(what.str(1));
    os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100 << "</P>\n";
}

// output each license:

i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
    // start with the summary:
    //
    os << "<a name="summary">\n</a>\n<h2>Licence Summary</h2>
    while(i != j)
    {
        // title:
        os << "<H3>" << licenses.first[i->first].license_name << "</H3>\n"
        // license text:
        os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
        // Copyright holders:
        os << "<P>This license is used by " << i->second.authors.size() << " authors and " << i->second.files.size() << " files <a href="#">(see details)</a>";
        os << "</P>\n";
    }
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
os << "<a name="details"></a><h2>Licence Details</h2>
while(i != j)
{
    // title:
    os << "<H3><A name="" << make_link_target(licenses.first[i->first].license_name) << ">"></a>" << licenses.first[i->first].license_name << "</H3>\n";
    // license text:
    os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
    if(!m_bsl_summary_mode || (license_index >= 3))
    {
        // Copyright holders:
        os << "<P>This license is used by the following " << i->second.authors.size() << " copyright holders:";
        std::set<std::string>::const_iterator x, y;
x = i->second.authors.begin();
y = i->second.authors.end();
while(x != y)
{
    os << *x << "<BR>\n";
    ++x;
}
os << "</P></BLOCKQUOTE>\n";
    // Files using this license:
    os << "<P>This license applies to the following " << i->second.files.size() << " files:";
        std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
    os << split_path(m_boost_path, *m) << "<br>\n";
    ++m;
}
os << "</P></BLOCKQUOTE>\n";
    }
else
{
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
}
This license applies to " << i->second.files.size() << " files (list omitted for brevity)."</P>
";

++license_index;
++i;
}

// Output list of files not found to be under license control:
//
os << "<h2><a name="files"></a>Files With No Recognisable Licence</h2>
";
<P>The following " << m_unknown_licenses.size() << " files had no recognisable license information:</P><BLOCKQUOTE>
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>";
    ++i2;
}
os << "</p></BLOCKQUOTE>";

// Output list of files with no found copyright holder:
//
os << "<h2><a name="authors"></a>Files With No Recognisable Copyright Holder</h2>
";
<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright holder:</P><BLOCKQUOTE>
i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
if(!m_bsl_summary_mode)
{
    // Output list of files that have been moved over to the Boost
    // Software License, along with enough information for human
    // verification.
    //
    os << "<h2><a name="bsl-converted"></a>Files that can be automatically converted to the Boost Software License</h2>
";
    "<p>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:"</p>
";
    if (!m_converted_to_bsl.empty())
    {
        typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
::const_iterator conv_iterator;
conv_iterator i = m_converted_to_bsl.begin(),
    ie = m_converted_to_bsl.end();
int file_num = 1;
while (i != ie)
{
    os << "<P>[[ " << file_num << "] File: <tt>" << split_path(m_boost_path, i->first) << "</tt><br>
    <table border="1">
      <tr><td><pre>
    " << i->second.first << </pre></td>
      <td><pre>
    " << i->second.second << </pre></td>
    </tr>
  </table>
    ";
    ++i;
    ++file_num;
}

// Output list of files that could be moved over to the Boost Software License
//
os << "<h2><a name="to-bsl"></a>Files that could be converted to the Boost Software License</h2>
";
<P>The following " << m_can_migrate_to_bsl.size() " files could be manually converted to the Boost Software License, but have not yet been:</P>
<BLOCKQUOTE><P>
    i2 = m_can_migrate_to_bsl.begin();
    j2 = m_can_migrate_to_bsl.end();
    while(i2 != j2)
    {
        os << split_path(m_boost_path, *i2) << "\n";
        ++i2;
    }
    os << "</BLOCKQUOTE>";

// Output list of files that can not be moved over to the Boost Software License
//
os << "<h2><a name="not-to-bsl"></a>Files that can NOT be converted to the Boost Software License</h2>";
";
<P>The following " << m_cannot_migrate_to_bsl.size() " files cannot be converted to the Boost Software License because we need the permission of more authors:</P>
<BLOCKQUOTE><P>
    i2 = m_cannot_migrate_to_bsl.begin();
    j2 = m_cannot_migrate_to_bsl.end();
    while(i2 != j2)
    {
        os << split_path(m_boost_path, *i2) << "\n";
        ++i2;
    }
    os << "</BLOCKQUOTE>";

// Output list of authors that we need permission for to move to the BSL
//
os << "<h2><a name="need-bsl-authors"></a>Authors we need for the BSL</h2>";
";
<P>Permission of the following authors is needed before we can convert to the Boost Software License. The
list of authors that have given their permission is contained in <code>more/blanket-

Copyright Holder Information

```
<table>
<thead>
<tr>
<th>Author</th>
<th>Path</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

File Dependency Information

```
<table>
<thead>
<tr>
<th>Path</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>
```

// output file dependency information:

```
// if in summary mode, just figure out the "bad" files and print those only:
bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
typedef std::map<std::string, std::pair<std::string, std::string>, path_less>
::const_iterator conv_iterator;
conv_iterator i = m_converted_to_bsl.begin();
for brevity, only files not under the BSL are shown;

while (fi != efi)
{
    os << split_path(m_boost_path, *fi);
    dep = m_dependencies.find(*fi);
    last_dep = m_dependencies.end();
    std::set<fs::path, path_less> seen_deps;
    if (dep != last_dep)
        while (true)
        {
            os << " -> ";
            if (fs::exists(m_boost_path / dep->second))
                os << split_path(m_boost_path, dep->second);
            else if (fs::exists(dep->second))
                os << split_path(fs::path(), dep->second);
            else
                os << dep->second.string();
            if (seen_deps.find(dep->second) != seen_deps.end())
                {
                    os << "<I>(Circular dependency!!)</I>";
                    break; // circular dependency!!!
                }
            seen_deps.insert(dep->second);
            last_dep = dep;
            dep = m_dependencies.find(dep->second);
            if ((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
                break;
        }
    os << "\n";
    ++fi;
}
os << "</pre></BLOCKQUOTE>\n";

os << "</body></html>\n";

if (!os)
{
    std::string msg("Error writing to ");
    msg += m_dest_path.string();
msg += ";
std::runtime_error e(msg);
boost::throw_exception(e);
}

"article Copyright Test
[quickbook 1.5]
[copyright 1977,1985 Someone else]
]
[/
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Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt).
]
<?xml version="1.0" encoding="utf-8"?>

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</para>
</hr />
<ulink url="mailto:jeff@crystalclearsoftware.com">Jeff Garland</ulink>&#169; 2000-2002
</section>
[/
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]
[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [Integral Constant type].

Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from `integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.

[endsect]
Adapters for Boost.MPL containers.

- **boost::mpl::integral_c**<br>Adapter for IntegralConstants from the Boost.MPL.<br>[More...](structboost_1_1mpl_1_1integral_c.html)
- **boost::mpl::list**<br>Adapter for Boost.MPL lists.<br>[More...](structboost_1_1mpl_1_1list.html)
- **boost::mpl::vector**<br>Adapter for Boost.MPL vectors.<br>[More...](structboost_1_1mpl_1_1vector.html)
#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic

def authors(filename):
    log = run(['git', 'log', '--follow',
               '--date=short', '--format=%aN%a\n%ad', filename],
               universal_newlines=True)
    for line in log.splitlines():
        author, date = line.split('	')
        if author != 'fix-copyright.py':
            yield author, datetime.strptime(date, '%Y-%m-%d')

def new_copyright(filename, previous):
    def f():
        au = list(authors(filename))
        alldates = map(itemgetter(1), au)
        aup = sorted(au + map(lambda a: (a, None), previous), key=itemgetter(0))
        for author, records in groupby(aup, itemgetter(0)):
            dates = filter(None, map(itemgetter(1), records))
            if not dates: dates = alldates
            start = min(dates)
            end = max(dates)
            fmt = '{0}' if start.year == end.year else '{0}-{1}'
            line = 'Copyright ' + fmt.format(start.year, end.year) + ' ' + author
            key = (start, author)
            yield key, line
        return map(itemgetter(1), sorted(f()))

def fix_copyright(filename):
    # Find copyright block in original file
    prefix = set()
    names = []
    lines = []
    with open(filename, 'r') as f:
        content = list(f)
        for i, line in enumerate(content[:15]):
m = re.match(r'^(?P<prefix>\W*)((\(c\))\s*?copyright\(s*+(\(c\))\s*?d\d+\(s*+\s*?d\d+\)?ls+\(\?P<name>\.+\)?s*?S', line, re.IGNORECASE)
if m:
    d = m.groupdict()
    prefix.add(d['prefix'])
    lines.append(i)
    names.append(d['name'].strip())
if len(prefix) != 1:
    print 'Not found:', filename
    return
prefix = list(prefix)[0]

print filename
new = iter(new_copyright(filename, names))
with open(filename, 'w') as f:
    for i, line in enumerate(content):
        if i in lines:
            for repl in new:
                print >>f, prefix + repl
        else:
            print >>f, line,
pass
def all_files():
    ls = run(['git', 'ls-files'], universal_newlines=True)
    for filename in ls.splitlines():
        if magic.from_file(filename, mime=True).split('/')[0] == 'text':
            yield filename
        for f in all_files():
            fix_copyright(f)

ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>

ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

# include <boost/config.hpp>

Open Source Used In CPS Microservices (DRA) 20.02 1476
namespace boost {
namespace container {
namespace dtl {

using boost::move_detail::integral_constant;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::identity;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::unvoid_ref;
using boost::move_detail::and_;
using boost::move_detail::or_;
using boost::move_detail::not_;
using boost::move_detail::enable_if_and;
using boost::move_detail::disable_if_and;
using boost::move_detail::enable_if_or;
using boost::move_detail::disable_if_or;

template <class FirstType>
struct select1st
{
    typedef FirstType type;

    template<class T>
    const type& operator()(const T& x) const
    { return x.first; }

    template<class T>
    type& operator()(T& x)
    { return const_cast<type&>(x.first); }
};

template <class T, class=void>
struct is_transparent
{
    static const bool value = false;
};

template <class T>
struct is_transparent<T, typename T::is_transparent>
{
    static const bool value = true;
};

template <typename C, typename K, typename R>
struct enable_if_transparent
    : boost::move_detail::enable_if_c<dtl::is_transparent<C>::value, R>
{
};

} //namespace dtl {
} //namespace container {
} //namespace boost {

#include <boost/container/detail/config_end.hpp>

#endif   //#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

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DEALINGS IN THE SOFTWARE.

<!DOCTYPE html>
<html>
<head></head>
<body>
<h3>Copyright Test</h3>
<p class="copyright">1963, 1964, 1965 Jane Doe</p>
<p class="copyright">2018 Joe Blow, John Coe</p>
<p class="copyright">1977, 1985 Someone else</p>
</body>
</html>
License

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// /////////////////////////////////////////////////////////////////////////////

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#include <boost/config.hpp>

#if defined(BOOST_HAS_PRAGMA_ONCE)
#pragma once
#endif

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

namespace boost {
    namespace intrusive {
        namespace detail {

            using boost::move_detail::is_same;
            using boost::move_detail::add_const;
            using boost::move_detail::remove_const;
            using boost::move_detail::remove_cv;
            using boost::move_detail::remove_reference;
            using boost::move_detail::add_reference;

        } // namespace detail
    } // namespace intrusive
}

#endif // #ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP

using boost::move_detail::remove_pointer;
using boost::move_detail::add_pointer;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;  
using boost::move_detail::is_const;
using boost::move_detail::identity;
using boost::move_detail::alignment_of;
using boost::move_detail::is_empty;
using boost::move_detail::addressof;
using boost::move_detail::integral_constant;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::bool_;  
using boost::move_detail::true_;  
using boost::move_detail::false_;  
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::apply;
using boost::move_detail::eval_if_c;
using boost::move_detail::eval_if;
using boost::move_detail::unvoid_ref;
using boost::move_detail::add_const_if_c;

// Template for calculating the number of leading zeros

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};

// Specializations for 0 and 1

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};
// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME)     \
    template <typename T> \\
    struct boost_intrusive_has_type_ ## TNAME \\
    { \
        template <typename X> \
        static char test(int, typename X::TNAME*); \
        \
        template <typename X> \
        static int test(...); \
        \
        static const bool value = (1 == sizeof(test<T>(0, 0))); \
    }; \
\template <typename T, typename DefaultType> \
    struct boost_intrusive_default_type_ ## TNAME \
    { \
        struct DefaultWrap { typedef DefaultType TNAME; }; \
        \
        typedef typename                                           \
            ::boost::intrusive::detail::if_c                         \
            < boost_intrusive_has_type_ ## TNAME<T>::value        \
            , T, DefaultWrap::type::TNAME type;                  
    }; \
\//
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T, \
TNAME, TIMPL)   \
    typename INSTANTIATION_NS_PREFIX                                                                                     \
       BOOST_INTRUSIVE_DEFAULT_TYPE_ ## TNAME< T, TIMPL >::type; \
\//
#define BOOST_INTRUSIVE_HAS_TYPE(INSTANTIATION_NS_PREFIX, T, TNAME)  \
    INSTANTIATION_NS_PREFIX                                                                                             \
        boost_intrusive_has_type_ ## TNAME< T >::value \
\//
#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMPLT(TNAME)\
    template <typename T, typename DefaultType> \
    struct boost_intrusive_eval_default_type_ ## TNAME \
    { \
        template <typename X> \
        static char test(int, typename X::TNAME*); \
        \
        template <typename X> \
        static int test(...); \
        \
        struct DefaultWrap \
    }
typedef typename DefaultType::type TNAME; \
static const bool value = (1 == sizeof(test<T>(0, 0))); \
typedef typename \
:boost::intrusive::detail::eval_if_c \
< value \
, :boost::intrusive::detail::identity<T> \
, :boost::intrusive::detail::identity<DefaultWrap> \
>::type::TNAME type; \\
//

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL) \
typename INSTANTIATION_NS_PREFIX \
boost_intrusive_eval_default_type_ ## TNAME< T, TIMPL >::type \\
//

#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX, TYPEDEF_TO_FIND) \
template <class T> \
struct TRAITS_PREFIX##_bool \
{ \
    template<bool Add> \
    struct two_or_three {yes_type _[2 + Add];}; \
    template <class U> static yes_type test(...); \
    template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int); \
    static const std::size_t value = sizeof(test<T>(0)); \
}; \
\template <class T> \
struct TRAITS_PREFIX##_bool_is_true \
{ \
    static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2; \
}; \\
//

#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME, FUNC_NAME) \
template <typename U, typename Signature> \
class TRAITS_NAME \
{ \
    private: \
    template<Signature> struct helper; \
    template<typename T> \
    static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
    template<typename T> static ::boost::intrusive::detail::no_type test(...); \
}
public:
static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type);
};

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) 
template <typename Type> 
struct TRAITS_NAME 
{ 
  struct BaseMixin 
  { 
    void FUNC_NAME(); 
  };
  struct Base : public Type, public BaseMixin { Base(); };
  template<typename T, T t> class Helper{ }; 
  template<typename U> 
  static ::boost::intrusive::detail::no_type  test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0); 
  static ::boost::intrusive::detail::yes_type test(...); 
  static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); 
};

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME, 
FUNC_NAME) BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME)

template <typename Type, class> 
struct TRAITS_NAME : public TRAITS_NAME##_ignore_signature<Type> 
{ };

#include <boost/intrusive/detail/config_end.hpp>

//namespace detail
} //namespace intrusive
} //namespace boost

#include <boost/intrusive/detail/config_end.hpp>

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@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 (bdclark.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(ace@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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```cpp
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/vector.hpp>

template <int i>
struct t { }

using vector = <%= mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>") }) %>; 

int main() { }
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```

```cpp
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/transform.hpp>
#include <boost/mpl/vector.hpp>
```
template <typename X>
struct f { using type = X; };

template <int i>
struct t { };

using vector = mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>" }) %>

using result = boost::mpl::transform<vector, boost::mpl::quote1<f>>::type;

int main() {

var group__group_ext_mpl =
[
[ "integral_c", "structboost_1_1mpl_1_1integral__c.html", null ],
[ "list", "structboost_1_1mpl_1_1list.html", null ],
[ "vector", "structboost_1_1mpl_1_1vector.html", null ]
];

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The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

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1.175 jersey-server 2.17

1.176 dropwizard-jersey 1.1.0

1.177 jwt-go 3.2.0
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1.178 jetty-jmx 8.1.10.v20130312

1.179 libsmi 0.4.8+dfsg2-11

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

tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
            traditional one-character options, and GNU’ish
            --long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu /pub/Linux/libs
shshopt-1.1.2.tar.gz
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------------------------------------------------------------------------------

1.180 busybox 1.24.2-r13
1.180.1 Available under license:

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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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tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
    traditional one-character options, and GNU'ish
    --long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu /pub/Linux/libs
shhopt-1.1.2.tar.gz
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@end enumerate

@end iftex
@end ifinfo
@end page

@page

@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.

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@var{one line to give the program's name and a brief idea of what it does.}
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@end var

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

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

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@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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Ty Coon, President of Vice

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Version 3, 29 June 2007

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1.189 goprotobuf 1.1.5

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test/casttype/combos/both/casttype.proto
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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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1.201 liblocale-gettext-perl 1.07-1build1

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Version 2.1, February 1999

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1.208 jersey-apache-connector 2.23.1

1.209 bouncycastle-fips 1.51

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1.210 javax-ws-rs-api 2.0

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1.212 binutils 2.26.1

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```
Local Variables:
ispell-local-pdict: "ispell-dict"
End:
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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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You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

@item
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@item
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.)

@end enumerate

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
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@item
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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.

@item
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:

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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.

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.

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.

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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@end example

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

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

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end small

That's all there is to it!

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[This is the first released version of the library GPL. It is
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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
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

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

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

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

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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
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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.

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

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

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1.214 jibx 1.2.1

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1.216 x-time-rate 2.2.1

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package spec

// License information for the exposed API.

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

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

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Protocol Buffers for Go with Gadgets

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

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1.228 jackson-annotations 2.5.0

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1.230 perks 0.0~git20150223.0.b965b61-1

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# Perks for Go (golang.org)

Perks contains the Go package quantile that computes approximate quantiles over
an unbounded data stream within low memory and CPU bounds.

For more information and examples, see:
http://godoc.org/github.com/bmizerany/perks

A very special thank you and shout out to Graham Cormode (Rutgers University),
Flip Korn (AT&T Labsâ€”Research), S. Muthukrishnan (Rutgers University), and
Divesh Srivastava (AT&T Labsâ€”Research) for their research and publication of
[Effective Computation of Biased Quantiles over Data Streams](http://www.cs.rutgers.edu/~muthu/bquant.pdf)

Thank you, also:
* Armon Dadgar (@armon)
* Andrew Gerrand (@nf)
* Brad Fitzpatrick (@bradfitz)
* Keith Rarick (@kr)

FAQ:

Q: Why not move the quantile package into the project root?
A: I want to add more packages to perks later.

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1021387032_1595526286.77/0/golang-github-beorn7-perks-0-0-git20150223-0-b965b61-orig-tar-xz/perks/README.md

1.231 errors 0.8.1

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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>
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kdc/announce.c

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DES core in libhcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

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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lib/hcrypto/test_dh.c

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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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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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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 Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agu@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

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This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

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1.246 libxau 1.0.8

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.248 dbus-glib 0.106 1

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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
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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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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:

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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Ty Coon, President of Vice

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Version 3, 29 June 2007

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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
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#
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#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
# EOF

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* /opt/ws_local/PERMITS_SQL/1033180066_1594239397.23/0/golang-gosqlite-dev-0-0-hg20130601-orig-targz/gosqlite/sqlite3/driver.go
* /opt/ws_local/PERMITS_SQL/1033180066_1594239397.23/0/golang-gosqlite-dev-0-0-hg20130601-orig-targz/gosqlite/sqlite/sqlite.go
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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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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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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 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))
$(RM) -f ../$(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 translation files of the EXT2 file system utilities. 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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1.263 ubuntu-keyring 2012.05.19.1

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1.264 openjdk 1.8.0-zing_19.02.1.0

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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"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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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.

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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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of these things:

a) Accompany the work with the complete corresponding
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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
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b) Accompany the work with a written offer, valid for at
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which the executable runs, unless that component itself accompanies
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Version 2, June 1991

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1.273 jeromq 0.3.5
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1.274 minlog 1.3.0

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1.277 go-multierror 1.0.0
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1.279 spring-asm 3.0.6

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1.280 simpleclient 0.0.21

1.281 inetutils 1.9.4-1build1

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1.284 libedit 3.1-20150325-1ubuntu2

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1.285 metrics-httpclient 3.2.2

1.286 gettext 2.23 0ubuntu7

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

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From dso/aix/dso.c:

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

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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Jackson is a high-performance, Free/Open Source JSON processing library.
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It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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<signature of Ty Coon>, 1 April 1989
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1.297 spring-boot-autoconfigure 2.1.0

1.298 jersey-metainf-services 2.25.1

1.299 open-vm-tools 10.2.0 3~ubuntu0.16.04.1
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>>> freebsd-1.72
>>> freebsd-base64-4.8
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>>> freebsd-base64-4.8

base64.c -- routines to encode/decode base64 data
$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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>>> unicode-5.0

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Theodore Ts'o
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That's all there is to it!
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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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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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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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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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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# This is a Makefile stub which handles the creation of BSD shared libraries.

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

# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)

all:: image

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

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

image:$(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip: install-shlibs

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

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This 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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1.301 bash 4.3 14ubuntu1.1

1.301.1 Available under license:

This is Debian GNU/Linux's prepackaged version of the FSF's GNU Bash, the Bourne Again SHell.

This package was put together by Matthias Klose <doko@debian.org>, from the following sources:

bash:ftp.gnu.org:/pub/gnu/bash/bash-4.3.tar.gz

Bash homepage: http://tiswww.case.edu/php/chet/bash/bashtop.html

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doc/FAQ ("the Bash FAQ")

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

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maintaining it in 1993. This list is known to be incomplete--if
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Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Pele Jorge, Joel
Juhani, Timo
KIKUCHI, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Miller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
SATO, Yuichi
Sanchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
Todd, Giles
Toft, Martin
The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Chornoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frédric
Hein, Jochen
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gbor
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krnar, Tomislav
Marchal, Frédric
Marchevius, Algimantas
Maryanov, Pavel
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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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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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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:

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

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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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work) run the object code and to modify the work, including scripts to
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1.319 go-jose 1.1.5

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

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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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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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1.334 libuv 1.8.0-1
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#define UV_BSD_H
```c
#define UV_PLATFORM_FS_EVENT_FIELDS
uv__io_t event_watcher;

#define UV_IO_PRIVATE_PLATFORM_FIELDS
int rcount;
int wcount;

#define UV_HAVE_KQUEUE 1
```

#endif /* UV_BSD_H */

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1.335 bash 5.0.7

1.336 jackson 2.7.7

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1.337 libffi 3.2.1 4

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1.338 gojsonreference 0.17.0

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1.346 libxmu 1.1.2-2

1.346.1 Available under license:

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

--- libxmu-1.1.2.orig/autogen.sh
+++ libxmu-1.1.2/autogen.sh
@@ -0,0 +1,14 @@
+#! /bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=. 
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+ autoreconf -v --install || exit 1
+ cd $ORIGDIR || exit $? 
+ if test -z "$NOCONFIGURE"; then
  + $srcdir/configure "$@"
+ fi
--- libxmu-1.1.2.orig/debian/changelog
+++ libxmu-1.1.2/debian/changelog
@@ -0,0 +1,219 @@
+libxmu (2:1.1.2-2) unstable; urgency=medium
+ + [ Andreas Boll ]
+ + * Switch to dh with the autoreconf and quilt addons, fixing possible FTBFS
+ + when building in parallel (closes: #801059). Thanks, Matthias Klose!
+ + + [ Julien Cristau ]
+ + * Remove Cyril from Uploaders.
+ + * Bump Standards-Version to 3.9.6, update Vcs-* control fields.
+ + + -- Julien Cristau <jcristau@debian.org>  Sat, 14 Nov 2015 10:04:44 +0100
+ + +libxmu (2:1.1.2-1) unstable; urgency=low
+ + + * New upstream release.
+ + * Add ${misc:Depends} to libxmu-headers.
+ + * Use /usr/share/quilt/quilt.make instead of xsfbs for patching.
+ + * Add build-{arch,indep} debian/rules targets.
+ + * Bump debhelper compat level from 5 to 7.
+ + + -- Julien Cristau <jcristau@debian.org>  Mon, 05 May 2014 14:13:01 +0200
+ + +libxmu (2:1.1.1-1) unstable; urgency=low
+ + + * New upstream release.
+ + * Don't require (fake)root for debian/rules clean.
+ + * Bump build-deps on xutils-dev, xmlto and xorg-sgml-doctools per
+ + configure.ac.
+ + * Xmu.html no longer hardcodes the full path to xlogo.svg, drop sed call
+ + from debian/rules.
+ + * Remove David Nusinow from Uploaders.
+ + * Bump debhelper build-dep for ${misc:Pre-Depends} usage.
+ + + -- Julien Cristau <jcristau@debian.org>  Sat, 21 Apr 2012 10:50:11 +0200
+ + +libxmu (2:1.1.0-3) unstable; urgency=low
+ + + * Build for multiarch.
+– Steve Langasek <vorlon@debian.org> Fri, 21 Oct 2011 14:47:59 -0700
+
+libxmu (2:1.1.0-2) unstable; urgency=low
+
+[ Christopher James Halse Rogers ]
+* debian/patches/01_dont_export_private_deps.patch:
+  - The Xmu.h header uses libXt symbols in a #define, so libXt is not a
+    private dep. With binutils-gold, the indirect dependency on Xt is not
+    considered when linking with Xmu so this causes build failures.
+
+[ Julien Cristau ]
+* Drop Pre-Depends on x11-common, only needed for upgrades from the
+  monolith.
+
+– Julien Cristau <jcristau@debian.org> Thu, 28 Apr 2011 14:10:11 +0200
+
+libxmu (2:1.1.0-1) unstable; urgency=low
+
+* New upstream release.
+* Bump xutils-dev build-dep for new macros.
+* Add xmlio, xorg-sgml-doctools, and w3m build-dep for the doc.
+* Pass --with-xmlio and --without-fop (we want html and txt only).
+* Pass --docdir=/usr/share/doc/libxmu-headers and add this directory to
+  libxmu-headers.install file.
+* Remove the hardcoded path to the X logo in the Xmu.html file.
+* Kill *.xml in the doc directory, no point in shipping them.
+* Switch from --list-missing to --fail-missing for additional safety.
+
+– Cyril Brulebois <kibi@debian.org> Fri, 19 Nov 2010 08:42:29 +0100
+
+libxmu (2:1.0.5-2) unstable; urgency=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
+* Don't pass both -s and -Nfoo/-pfoo to dh_strip. This resulted in an empty
+  libxmu1-db (Closes: #594500). Thanks to Luca Falavigna for the report.
+
+[ Cyril Brulebois ]
+* Add myself to Uploaders.
+
+– Cyril Brulebois <kibi@debian.org> Sat, 04 Sep 2010 08:42:29 +0100
+
+libxmu (2:1.0.5-1) unstable; urgency=low
+ [ Timo Aaltonen ]
  + * New upstream release.
  + * Fix 64bit support (closes: #521887)
  +
+ [ Julien Cristau ]
  + * Bump Standards-Version to 3.8.3.
  +
+ -- Julien Cristau <jcristau@debian.org>  Wed, 25 Nov 2009 19:20:17 +0100
+ +libxmu (2:1.0.4-2) unstable; urgency=low
+ +
+ [ Julien Cristau ]
  + * Drop -1 debian revisions from build-deps.
  + * libxmu6{,-dbg}, libxmu-dev, libxmuu1{,-dbg} and libxmuu-dev don't need a
    dependency on x11-common.
  + * Build libxmu-header in binary-indep instead of binary-arch
    (closes: #486418). Thanks, Martin Koepppe!
  + * Run autoreconf on build; build-depend on automake, libtool, xutils-dev.
  + * Handle parallel builds.
  +
+ [ Brice Goglin ]
  + * Add a link to www.X.org and a reference to the upstream module
    in the long description.
  + * Add upstream URL to debian/copyright.
  + * Add README.source, bump Standards-Version to 3.8.2.
  + * Use updated xsfbs, closes: #538587.
  + * Move -dbg packages to section debug.
  +
+ -- Julien Cristau <jcristau@debian.org>  Fri, 07 Aug 2009 14:30:36 +0200
+ +libxmu (2:1.0.4-1) unstable; urgency=low
+ +
+ [ Julien Cristau ]
  + * New upstream release.
  + * Make libxmu*.-dev depend on libxmu-headers (= ${source:Version}). Thanks,
    Josh Triplett.
  + * Don't export private dependencies in xmu.pc and xmuu.pc. These
    dependencies are handled by Requires:private.
  + * Due to the above, build-depend on quilt and apply the xsfbs patch rules.
  + * Update xsfbs to the latest version as of 2008-01-06.
  + * Add myself to Uploader, and remove Branden and Fabio with their
    permission.
  + * Bump Standards-Version to 3.7.3 (no changes).
  + * s/*XS-Vcs/Vcs/
  +
+ [ Timo Aaltonen ]
  + * Bump the epoch so that this can be synced to Ubuntu in the future.
+ -- Julien Cristau <jcristau@debian.org> Thu, 17 Jan 2008 14:57:47 +0100
+  
+libxmu (1:1.0.3-1) unstable; urgency=low
+  
+  * New upstream release.
+  * Install the upstream changelog.
+  * Remove outdated CVS information from the package descriptions, and add
+    XS-Vcs-Git and XS-Vcs-Browser.
+  * Fix package sections (libraries in libs, development stuff in libdevel).
+  * Use ${binary:Version} instead of ${Source-Version}.
+  
+ -- Julien Cristau <jcristau@debian.org> Thu, 12 Apr 2007 13:40:07 +0200
+  
+libxmu (1:1.0.2-2) unstable; urgency=low
+  
+  [ Andres Salomon ]
+  * Test for obj-$DEB_BUILD_GNU_TYPE before creating it during build;
+    idempotency fix.
+  
+  [ Drew Parsons ]
+  * dbg package has priority extra.
+  
+ -- David Nusinow <dnusinow@debian.org> Wed, 30 Aug 2006 16:53:25 -0400
+  
+libxmu (1:1.0.2-1) experimental; urgency=low
+  
+  * New upstream release
+  * Bump dephelper compat to 5
+  * Run dh_install with --list-missing
+  * Version the -headers package's x11-common pre-dep to use version 1:7.0.0
+    to match the rest of Debian and shut lintian up
+  * Bump standards version to 3.7.2.0
+  
+ -- David Nusinow <dnusinow@debian.org> Mon, 3 Jul 2006 18:43:32 -0400
+  
+libxmu (1:1.0.1-3) unstable; urgency=low
+  
+  * Reorder makeshlib command in rules file so that ldconfig is run
+    properly. Thanks Drew Parsons and Steve Langasek.
+  
+ -- David Nusinow <dnusinow@debian.org> Tue, 18 Apr 2006 21:49:59 -0400
+  
+libxmu (1:1.0.1-2) unstable; urgency=low
+  
+  * Upload to unstable
+  
+ -- David Nusinow <dnusinow@debian.org> Thu, 23 Mar 2006 22:44:59 -0500
+ libxmu (1:1.0.1-1) experimental; urgency=low
+ * First upload to Debian
+ -- David Nusinow <dnusinow@debian.org> Thu, 29 Dec 2005 20:53:53 -0500
+ libxmu (1:6.2.3-5) breezy; urgency=low
+ * Also, libxmu-dev needs to depend on libxt-dev too.
+ -- Adam Conrad <adconrad@ubuntu.com> Mon, 25 Jul 2005 09:43:47 +0000
+ libxmu (1:6.2.3-4) breezy; urgency=low
+ * Bump libxt-dev build-dep once more, _XOPEN_SOURCE begone!
+ -- Adam Conrad <adconrad@ubuntu.com> Sun, 24 Jul 2005 10:48:14 +0000
+ libxmu (1:6.2.3-3) breezy; urgency=low
+ * Make libxmu-dev depend on libxext-dev, since libxmu links to it.
+ -- Adam Conrad <adconrad@ubuntu.com> Sun, 24 Jul 2005 07:56:02 +0000
+ libxmu (1:6.2.3-2) breezy; urgency=low
+ * Bump Build-Depends on libx11-dev, libxext-dev and libxt-dev to avoid
+ _XOPEN_SOURCE.
+ -- Daniel Stone <daniel.stone@ubuntu.com> Sat, 23 Jul 2005 00:20:50 +1000
+ libxmu (1:6.2.3-1) breezy; urgency=low
+ * First libxmu release.
+ -- Daniel Stone <daniel.stone@ubuntu.com> Mon, 16 May 2005 22:10:17 +1000
--- libxmu-1.1.2.orig/debian/compat
+++ libxmu-1.1.2/debian/compat
@@ -0,0 +1 @@
+9
--- libxmu-1.1.2.orig/debian/control
+++ libxmu-1.1.2/debian/control
@@ -0,0 +1,155 @@
+Source: libxmu
+Section: x11
+Priority: optional
+Maintainer: Debian X Strike Force <debian-x@lists.debian.org>
+Build-Depends:
 + debhelper (>= 9),
 + db-autoreconf,
 + libx11-dev (>= 1:0.99.2),
 + libxt-dev (>= 1:0.99.1),
 + libxext-dev (>= 1:0.99.1),
 + pkg-config,
 + quilt,
 + automake,
 + libtool,
 + xutils-dev (>= 1:7.6+2),
 + xmlto (>= 0.0.22),
 + xorg-sgml-doctools (>= 1:1.8),
 + w3m,
 + Standards-Version: 3.9.6
 + Vcs-Git: git://anonscm.debian.org/git/pkg-xorg/lib/libxmu
 + Vcs-Browser: https://anonscm.debian.org/cgit/pkg-xorg/lib/libxmu.git
 +
 + Package: libxmu6
 + Section: libs
 + Architecture: any
 + Multi-Arch: same
 + Pre-Depends: ${misc:Pre-Depends}
 + Depends: ${shlibs:Depends}, ${misc:Depends}
 + Description: X11 miscellaneous utility library
 + libXmu provides a set of miscellaneous utility convenience functions for X
 + libraries to use. libXmu is a lighter-weight version that does not depend
 + on libXt or libXext; for more information, see libxmuu1.
 + .
 + More information about X.Org can be found at:
 + <URL:http://www.X.org>
 + .
 + This module can be found at
 + git://anongit.freedesktop.org/git/xorg/lib/libXmu
 +
 + Package: libxmu6dbg
 + Section: debug
 + Architecture: any
 + Multi-Arch: same
 + Priority: extra
 + Depends: ${shlibs:Depends}, ${misc:Depends}, libxmu6 (= ${binary:Version})
 + Description: X11 miscellaneous utility library (debug package)
 + libXmu provides a set of miscellaneous utility convenience functions for X
 + libraries to use. libXmuu is a lighter-weight version that does not depend
 + on libXt or libXext; for more information, see libxmuu1.
 + .
 + This package contains the debug versions of the library found in libxmu6.
Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+Depends: ${shlibs:Depends}, ${misc:Depends}, libxext-dev, libxt-dev, libxmu6 (= ${binary:Version}), libxmu6-headers (= ${source:Version})
+Description: X11 miscellaneous utility library (development headers)
+ libXmu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. libXmuu is a lighter-weight version that does not depend
+ on libXt or libXext; for more information, see libxmuu1.

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

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+Depends: ${shlibs:Depends}, ${misc:Depends}, libxext-dev, libxt-dev, libxmuu6 (= ${binary:Version}), libxmuu-headers (= ${source:Version})
+Description: X11 miscellaneous utility library
+ libXmuu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. It is a lighter version of libXmu that does not depend
+ on libXt or libXext; for more information on libXmu, see libxmuu6.

This package contains the development headers for the library found in
libxmuu6. Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

+Depends: ${shlibs:Depends}, ${misc:Depends}
+Description: X11 miscellaneous micro-utility library
+ libXmuu provides a set of miscellaneous utility convenience functions for X
+ libraries to use. It is a lighter version of libXmu that does not depend
+ on libXt or libXext; for more information on libXmu, see libxmuu6.

This package contains the development headers for the library found in
libxmuu6. Non-developers likely have little use for this package.
+Multi-Arch: same
+Priority: extra
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxmuu1 (= ${binary:Version})
+Description: X11 miscellaneous micro-utility library (debug package)
  + libXmuu provides a set of miscellaneous utility convenience functions for X
  + libraries to use. It is a lighter version of libXmu that does not depend
  + on libXt or libXext; for more information on libXmu, see libxmu6.
  + .
  + This package contains the debug versions of the library found in libxmuu1.
  + Non-developers likely have little use for this package.
  + .
  + More information about X.Org can be found at:
  + <URL:http://www.X.org>
  + .
  + This module can be found at
  + git://anongit.freedesktop.org/git/xorg/lib/libXmu
  +
  +Package: libxmuu-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxmuu1 (= ${binary:Version}), libxmu-headers (= ${source:Version})
+Description: X11 miscellaneous micro-utility library (development headers)
  + libXmuu provides a set of miscellaneous utility convenience functions for X
  + libraries to use. It is a lighter version of libXmu that does not depend
  + on libXt or libXext; for more information on libXmu, see libxmu6.
  + .
  + This package contains the development headers for the library found in
  + libxmuu1. Non-developers likely have little use for this package.
  + .
  + More information about X.Org can be found at:
  + <URL:http://www.X.org>
  + .
  + This module can be found at
  + git://anongit.freedesktop.org/git/xorg/lib/libXmu
  +
  +Package: libxmu-headers
+Section: libdevel
+Architecture: all
+Multi-Arch: foreign
+Depends:
  + libx11-dev,
  + x11proto-core-dev,
  + ${misc:Depends},
+Description: X11 miscellaneous utility library headers
  + libXmu and libXmuu are miscellaneous utility libraries for X library
  + developers to abstract some common functions. This package provides the
headers for both libraries (as libXmuu is a subset of libXmu), and
is depended upon by both. For more information, please see libxmu-dev or
libxmuu-dev.

More information about X.Org can be found at:
<URL:http://www.x.org>.

This module can be found at
This package was downloaded from
http://x.org.freedesktop.org/releases/individual/lib/

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+
+---------
+
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--- libxmu-1.1.2.orig/debian/libxmu-dev.install
+++ libxmu-1.1.2/debian/libxmu-dev.install
@@ -0,0 +1,3 @@
+usr/lib/*/libXmu.a
+usr/lib/*/libXmu.so
+usr/lib/*/pkgconfig/xmu.pc
--- libxmu-1.1.2.orig/debian/libxmu-headers.install
+++ libxmu-1.1.2/debian/libxmu-headers.install
@@ -0,0 +1,2 @@
+usr/include/X11/*
+usr/share/doc/libxmu-headers
--- libxmu-1.1.2.orig/debian/libxmu6.install
+++ libxmu-1.1.2/debian/libxmu6.install
@@ -0,0 +1 @@
+usr/lib/*/libXmu.so.6*
--- libxmu-1.1.2.orig/debian/libxmuu-dev.install
+++ libxmu-1.1.2/debian/libxmuu-dev.install
@@ -0,0 +1,3 @@
+usr/lib/*/libXmuu.a
+usr/lib/*/libXmuu.so
+usr/lib/*/pkgconfig/xmuu.pc
--- libxmu-1.1.2.orig/debian/libxmuu1.install
+++ libxmu-1.1.2/debian/libxmuu1.install
@@ -0,0 +1 @@
+usr/lib/*/libXmuu.so.1*
--- libxmu-1.1.2.orig/debian/patches/01_dont_export_private_deps.diff
+++ libxmu-1.1.2/debian/patches/01_dont_export_private_deps.diff
@@ -0,0 +1,26 @@
diff --git a/xmu.pc.in b/xmu.pc.in
--- a/xmu.pc.in
+++ b/xmu.pc.in
@@ -6,7 +6,7 @@ includedir=@includedir@
 Name: Xmu
 + Description: Xmu Library
 + Version: @PACKAGE_VERSION@
 + Requires: xproto x11 xt
 ++Requires: xproto xt
 + Requires.private: x11 xt xext
 + Cflags: -I$includedir
 + Libs: -L$libdir -lXmu
--- libxmuu-1.1.2.orig/debian/patches/series
+++ libxmuu-1.1.2/debian/patches/series
@@ -0,0 +1,26 @@
diff --git a/xmuu.pc.in b/xmuu.pc.in
--- a/xmuu.pc.in
+++ b/xmuu.pc.in
@@ -6,7 +6,7 @@ includedir=@includedir@
 Name: Xmuu
 + Description: Mini Xmu Library
 + Version: @PACKAGE_VERSION@
 + Requires: xproto x11
 ++Requires: xproto
 + Requires.private: x11
 + Cflags: -I$includedir
 + Libs: -L$libdir -lXmuu
+++ libxmu-1.1.2/debian/patches/series
@@ -0,0 +1 @@
+01_dont_export_private_deps.diff
--- libxmu-1.1.2.orig/debian/rules
+++ libxmu-1.1.2/debian/rules
@@ -0,0 +1,34 @@
+#!/usr/bin/make -f
+# debian/rules for the Debian libxmu package.
+# Copyright 2004 Scott James Remnant <scott@netsplit.com>
+# Copyright 2005 Daniel Stone <daniel@fooishbar.org>
+# Copyright 2005 David Nusinow <dnusinow@debian.org>
+
 +# Uncomment this to turn on verbose mode.
 +export DH_VERBOSE=1
 +
 PHONY: build
+build:
+dh build --with quilt,autoreconf --builddirectory=build/ --parallel
+
+%
+dh $@ --with quilt,autoreconf --builddirectory=build/ --parallel
+
+override_dh_auto_configure:
+dh_auto_configure -- \
+--disable-silent-rules \
+--docdir=${prefix}/share/doc/libxmu-headers \
+--with-xmlto \
+--without-fop 
+
+override_dh_auto_install:
+dh_auto_install
+find debian/tmp/usr/share/doc/libxmu-headers -name ‘*.xml’ -delete
+
+override_dh_install-arch:
+dh_install --fail-missing -Xusr/include -X.la
+
+override_dh_strip:
+dh_strip -Nlibxmu6 -Nlibxmuu1
+dh_strip -plibxmu6 --dbg-package=libxmu6-dbgsym
+dh_strip -plibxmuu1 --dbg-package=libxmuu1-dbgsym
--- libxmu-1.1.2.orig/debian/watch
+++ libxmu-1.1.2/debian/watch
@@ -0,0 +1,3 @@
+git=git://anongit.freedesktop.org/xorg/lib/libXmu
+version=3
+http://xorg.freedesktop.org/releases/individual/lib/libXmu-(*).tar.gz

Found in path(s):
1.347 drop-wizard-metrics 1.0.0

1.348 cmux 2.2.1

1.348.1 Available under license :

# The list of people who have contributed code to the cmux repository.
#
# Auto-generated with:
# git log --oneline --pretty=format:'%an <%aE>' | sort -u
#
Andreas Jaekle <andreas@jaekle.net>
Dmitri Shuralyov <shurcooL@gmail.com>
Ethan Mosbaugh <emosbaugh@gmail.com>
Soheil Hassas Yeganeh <soheil.h.y@gmail.com>
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Tamir Duberstein <tamird@gmail.com>

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Portions of the client are based on code at:
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1.366 sgml-base 1.26+nmu4ubuntu1

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1.367 jq 1.5+dfsg-1

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1.369 eclipse-rap-rwt-osgi 2.3.2
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1.370 latencyutils 2.0.3

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1.371 jdiameter-ha-api 1.1.0

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1.372 bash-completion 2.1 4.2ubuntu1.1

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1.373 ghodss-yaml 2.2.1

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

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Support for streaming Protocol Buffer messages for the Go language (golang).
DNS library in Go
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//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"
    URL  string `json:"url,omitempty"
}
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Go support for Protocol Buffers - Google's data interchange format

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1.376 beanutils 1.7.0.v200902170505

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```
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```
rt/modules/javafx.media/src/main/native/gstreamer/3rd_party/glib/
```

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```

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include/GL/wglxext.h:

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https://github.com/openjdk/jfx

You can use git to clone the repository or you can browse the
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code is here:

  rt/modules/javafx.web/src/main/native/
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include/GL/glxext.h
include/GL/wglxext.h

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https://github.com/openjdk/jfx

You can use git to clone the repository or you can browse the source using a web browser. The root directory of the GStreamer source code is here:

rt/modules/javafx.media/src/main/native/gstreamer/gstreamer-lite/

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Version 2.1, February 1999

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*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1010092583_1591358367.63/0/classworlds-1-1-sources-jar/org/codehaus/classworlds/Launcher.java
No license file was found, but licenses were detected in source scan.

/*
$Id: UberJarRealmClassLoader.java 112 2004-11-03 17:37:23Z mhw $

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jar/org/codehaus/classworlds/UberJarRealmClassLoader.java
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/*/ $Id: Entry.java 89 2004-07-18 00:40:00Z dandiep $

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/*
$Id: DefaultClassRealm.java 94 2004-08-09 22:00:16Z jvanzy1 $

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  jar/org/codehaus/classworlds/DefaultClassRealm.java
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/*
Id: DuplicateRealmException.java 78 2004-07-01 13:59:13Z jvanzyl $

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/*
$Id: ClassRealm.java 94 2004-08-09 22:00:16Z jvanzyl $

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/*
$Id: Configurator.java 108 2004-11-02 18:41:08Z mhw $

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/*
$Id: InitialClassLoader.java 78 2004-07-01 13:59:13Z jvanzy $

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

(function(w, d) {
 if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
   d.write('<div id="comments_thread"></div>');
   var s = d.createElement('script');
   s.type = 'text/javascript';
   s.async = true;
   s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' + comments_identifier;

   (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
 }
 else {
   d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');</
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For the server\util_md5.c component:

/* NCSA HTTPd Server
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 * University of Illinois at Urbana-Champaign
 * 605 E. Springfield, Champaign, IL 61820
 * httpd@ncsa.uiuc.edu
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md5.c: NCSA HTTPd code which uses the md5.c RSA Code

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 */
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```
#
# install - install a program, script, or datafile
# This comes from X11R5 (mit/util/scripts/install.sh).
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```

For the test\zb.c component:

```
/*                          ZeusBench V1.01
   =========================

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   Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
   Mike Belshe (mbelshe@netscape.com)
```
Michael Campanella (campanella@stevms.enet.dec.com)
/*
For the expat xml parser component:

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1.395 spring-osgi-web-extender 2.0.0.M1

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1.399 metrics-httpclient 3.1.2

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1.400 termbox-go 0.0~git20140119-1

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1.401 dropwizard-metrics-graphite 1.0.0

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1.402 activemq-pool 5.15.2

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1.405 activemq-jdbc-store 5.15.2

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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.

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
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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
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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
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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 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
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facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
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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Version 2.1, February 1999

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

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.

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

   a) The modified work must itself be a software library.
   
   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
   
   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
   
   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

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

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

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

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

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:
a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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From dso/aix/dso.c:

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

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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******************************************************************************
file name: UBiDiProps.java
encoding: US-ASCII
tab size: 8 (not used)
indentation:4

created on: 2005jan16
created by: Markus W. Scherer

Low-level Unicode bidi/shaping properties access.
Java port of ubidi_props.h/c.

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

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

<p><code>Replaceable</code> specifies ranges using a start
offset and a limit offset. The range of characters thus specified
includes the characters at offset start..limit-1. That is, the
start offset is inclusive, and the limit offset is exclusive.

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

<p>For a subclass to support metadata, typical behavior of
<code>replace()</code> is the following:
<ul>
<li>Set the metadata of the new text to the metadata of the first
character replaced</li>
<li>If no characters are replaced, use the metadata of the
previous character</li>
<li>If there is no previous character (i.e. start == 0), use the
following character</li>
<li>If there is no following character (i.e. the replaceable was
empty), use default metadata</li>
<li>If the code point U+FFFF is seen, it should be interpreted as
a special marker having no metadata</li>
</ul>
If this is not the behavior, the subclass should document any differences.

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@author Alan Liu
@stable ICU 2.0

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

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

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*/

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import java.io.Serializable;

/**
 * Legacy security code; do not use.
 */
public abstract class Permission implements Guard, Serializable {
    public Permission(String name) { }
    public final String getName() { return null; }
    public void checkGuard(Object obj) throws SecurityException { }
    public PermissionCollection newPermissionCollection() {
        return new AllPermissionCollection();
    }
    public abstract String getActions();
    public abstract boolean implies(Permission permission);
}

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1.429 job-scheduler 1.6.2

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# Jackson JSON processor

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### 1.450 jcl-over-slf4j 1.7.25

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1.460 oro 2.0.8.v200903061218

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1.467 jaxb-runtime 2.2.11

1.468 activemq-stomp 5.15.2
1.468.1 Available under license :

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1.469 activemq-jms-pool 5.15.2
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1.470 go-sql-driver-mysql 1.1.8

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1.474 libx11 1.6.3-1ubuntu2.1

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1.475 gopacket 1.11-2

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1.483 smack 3.4.1

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1.484 spring-osgi-web 2.0.0.M1

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1.485 unzip 6.0-20ubuntu1
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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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* A collection of File Manager and related routines

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* MacBinaryIII.h

*
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Regarding the first stipulation, Mr. Smith was tracked down in southern
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May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS),
71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that
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His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten
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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.

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1.486 hostname 3.16ubuntu2

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hostname -- set the host name or show the host/domain name

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1.487 erlang-otp 5.10
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THE BASIC LIBRARY FUNCTIONS
-----------------------------

Written by: Philip Hazel
Email local part: ph10
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---------------------------------------------------------------------------
[PCRE]

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

[zlib]

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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[eldap]

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1.489 dropwizard-lifecycle 1.1.0

1.490 ohc-core 0.4.2

1.491 jetty-ajp 8.1.10.v20130312

1.492 memcached 1.4.39

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

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Steven Grimm <sgrimm@facebook.com> -- iov writing (less CPU), UDP mode,
non-2.0 slab mantissas, multithread, ...

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1.493 isl 0.16.1 1

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@page
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Version 3.1, 31 March 2009

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By plainly marking modifications, something along the lines of adding to each file that has been changed a "Modified by Foo Bar" line underneath the "Written by" line would be adequate.
This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@mtiamt.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(agon@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jadessh.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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For more information see the README file in the examples directory.

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1998-05-11

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1.501 libassuan 2.4.2 2

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Upstream-Name: libassuan
Upstream-Contact: Werner Koch <wk@gnupg.org>

Files:
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src/Makefile.am
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src/assuan-error.c
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src/assuan-io.c
src/assuan-listen.c
src/assuan-pipe-server.c
src/assuan-socket-connect.c
src/assuan-socket-server.c
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src/stpcpy.c
src/system-posix.c
src/system-w32.c
src/system-w32ce.c
src/system.c
src/w32-fd-t.inc.h
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src/w32-sock-nonce.inc.h
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1.514 httpcomponents-client 4.3.2

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1.515.1 Available under license:

ipvsadm - Version 1.14 - 11th January 2001

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ipvsadm is a utility to administer the IP virtual server services
offered by the Linux kernel with IP virtual server support.

This version of ipvsadm requires IPVS module v0.0.5 for kernel 2.4 or
later. Check out the Linux Virtual Server Project home page on the
World Wide Web:
http://www.LinuxVirtualServer.org/
or
http://www.Linux-VS.org/
for the most recent information and original sources about ipvsadm.

To make, make sure your Linux kernel is already patched with IPVS and
"make menuconfig" or "make xconfig" to setup the right compiling options,
see the README of the virtual server patch for detail, then simply type
make
in the source directory.

Install to your liking. We suggest the following pathnames:
/sbin/ipvsadm
/usr/man/man8/ipvsadm.8
This will be done automatically when calling
make install
in the source directory.

Wensong Zhang <wensong@linuxvirtualserver.org>

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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Appendix: How to Apply These Terms to Your New Programs

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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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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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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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* @(#)DateFormatZoneData_ar.java 1.5 97/12/05
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/*
* @(#)NegativeArraySizeException.java 1.12 98/07/01
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/*
* @(#)ZipOutputStream.java 1.13 97/01/27
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/*
* @(#)PushbackInputStream.java.17 98/07/01
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/*
* @(#)DateFormatZoneData_sl.java.1.5 97/12/05
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/*
* @(#)PipedReader.java 1.6 98/07/01
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/*
* @(#)AreaAveragingScaleFilter.java 1.4 98/07/01
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/*
 * @(#)StringReader.java 1.6 98/07/01
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/*
 * @(#)AudioClip.java 1.10 98/07/01
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/*
 * @(#)DataOutputStream.java 1.24 98/07/01
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/*
 * @(#)TextArea.java 1.42 98/08/13
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/*
 * @(#)LocaleElements_nl_BE.java 1.6 98/01/13
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/ *
* @(#)ItemSelectable.java 1.5 98/07/01
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/ *
* @(#)Socket.java 1.30 98/07/01
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/*
* @(#)LocaleElements_de_DE_EURO.java 1.1 98/07/07
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*/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_de_DE_EURO.java

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Found in path(s):
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/*
@(#)CompactIntArray.java 1.10 97/10/28

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* @(#)LabelPeer.java 1.8 98/07/01
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* @(#)DataInput.java 1.9 98/07/01
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/*
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 * @(#)DateFormatZoneData_en.java 1.7 98/01/12
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*/
* @(#)Runnable.java 1.14 98/07/01
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*/
* @(#)LocaleElements_en_IE_EURO.java 1.1 98/07/07
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_en_IE_EURO.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)PipedWriter.java 1.6 98/07/01
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* @(#)DigestException.java 1.9 99/02/09
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* @(#)MulticastSocket.java 1.19 98/07/01
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/*
 * @(#)IllegalStateException.java 1.5 98/07/01
 */

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/*
 * @(#)Format.java 1.15 97/02/12
 */

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 * @(#)ResultSetMetaData.java 1.6 98/07/01
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/*
 * @(#)KeyPairGenerator.java 1.11 98/07/01
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 * @(#)FileDialog.java 1.32 98/07/01
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/*
 * @(#)Integer.java 1.43 98/07/07
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 * @(#)MouseListener.java 1.8 98/07/01
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 * @(#)EventListener.java 1.5 98/07/01
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/*
* @(#)DateFormatZoneData_hu.java	1.5 97/12/05
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/*
* @(#)Insets.java	1.14 98/07/01
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/*
* @(#)GridLayout.java	1.20 99/01/22
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/*
* @(#)Deflater.java	1.19 98/08/20
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/*
 * @(#)ObjectStreamException.java 1.5 98/07/01
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/*
 * @(#)MessageDigest.java 1.34 98/07/01
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/*
 * @(#)OutputStream.java 1.15 98/07/01
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/*
 * @(#)FilenameFilter.java 1.15 98/07/01
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/*
 * @(#)DSAPrivateKey.java 1.4 98/07/01
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/*
 * @(#)Dictionary.java 1.8 98/07/01
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/*
 * @(#)Timestamp.java 1.13 98/07/01
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 * @(#)LineBreakData.java 1.8 98/01/12
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 * @(#)FileOutputStream.java	1.27 98/07/01
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 * @(#)DSAParams.java	1.9 98/07/01
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* @(#)NoSuchMethodError.java 1.13 98/07/01
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/*
* @(#)ConnectException.java 1.5 98/10/08
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/*
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/ *
* @(#)LocaleElements_es_PR.java 1.2 98/01/13
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/*
/* @(#)MenuPeer.java 1.7 98/07/01 */

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/
/* @(#)BitSet.java 1.27 98/07/01 */

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/* @(#)DateFormatZoneData_is.java 1.5 97/12/05 */

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*/
* @(#)DateTimeZoneData_fr.java 1.5 97/12/05
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*/
* @(#)LocaleElements_es_UY.java 1.2 98/01/13
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/*
 * @(#)FilteredImageSource.java 1.18 98/07/01
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/*
 * @(#)ActionEvent.java 1.13 98/07/01
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/*
 * @(#)DateFormatZoneData_bg.java 1.5 97/12/05
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/*
* @(#)PixelGrabber.java	1.8 98/07/01
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/*
* @(#)DataTruncation.java	1.6 98/07/01
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*/
* @(#)ByteArrayOutputStream.java1.24 98/07/01
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No license file was found, but licenses were detected in source scan.

*/
* @(#)UnicodeClassMapping.java1.7 98/01/12
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No license file was found, but licenses were detected in source scan.

/*
* @(#)TextAreaPeer.java 1.9 98/07/01
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/*
* @(#)FileDescriptor.java 1.11 98/07/01
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/*
* @(#)Choice.java 1.48 98/07/01
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/ *
* @(#)MouseMotionAdapter.java.5 98/07/01
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/ *
* @(#)IllegalComponentStateException.java.4 98/07/01
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/ *
* @(#)FileNotFoundException.java.12 98/07/01
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/*
* @(#)PipedOutputStream.java1.15 98/07/01
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/*
* @(#)TextBoundaryData.java1.4 98/01/12
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/ *
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)LocaleElements_th.java 1.3 98/01/13
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)WriteAbortedException.java 1.4 98/07/01
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  No license file was found, but licenses were detected in source scan.

@(#)LastOwnerException.java 1.7 98/07/01

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@(#)LocaleElements_nl_BE_EURO.java 1.1 98/07/07

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_nl_BE_EURO.java
  No license file was found, but licenses were detected in source scan.

@(#)MenuItem.java 1.49 98/12/09

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/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_fi.java

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

/*
* @(#)LocaleElements_es_CO.java 1.2 98/01/13
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master/src/java/text/resources/LocaleElements_es_CO.java
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/*
 * @(#)StringIndexOutOfBoundsException.java	1.14 98/07/01
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 * @(#)Button.java	1.43 98/07/01
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master/src/java/awt/Button.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)SocketImpl.java	1.24 00/08/09
 *
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/src/java/awt/peer/ComponentPeer.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)Point.java 1.14 98/07/01
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/*
* @(#)Security.java 1.58 98/07/01
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/*
* @(#)VMID.java 1.9 98/10/09
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/*
* @(#)IndexedPropertyDescriptor.java 1.24 98/07/01
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/*
* @(#)Connection.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_es_SV.java	1.2 98/01/13
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)ItemListener.java	1.7 98/07/01
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No license file was found, but licenses were detected in source scan.

/
* @(#)LocaleElements_fr_BE.java1.6 98/01/13
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/
* @(#)KeyListener.java1.7 98/07/01
Open Source Used In CPS Microservices (DRA) 20.02 4957

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

/*
* @(#)RemoteStub.java 1.9 98/08/12
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/*
* @(#)SequenceInputStream.java 1.15 98/07/01
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/*
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/NotSerializableException.java
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/*
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Array.java
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/*
 */

Found in path(s):
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/*
 */
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/*
 * @(S)SkeletonNotFoundException.java 1.4 98/08/12
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/*
 * @(S)DateFormatZoneData_hr.java 1.5 97/12/05
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/*
* @(#)InputStreamReader.java	1.13 98/07/01
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/*
* @(#)String.java	1.87 99/01/22
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No license file was found, but licenses were detected in source scan.
* @(#)ContainerAdapter.java 1.3 98/07/01
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/*
* @(#)SystemColor.java 1.8 98/07/01
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/*
* @(#)ScrollPane.java 1.59 98/07/14
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*/
* @(#)Color.java 1.34 98/07/01
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*/
* @(#)CropImageFilter.java 1.6 98/07/01
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*/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/image/CropImageFilter.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)ObjectStreamClass.java 1.41 98/07/09
/*
 * @(#)LocaleElements_ko.java 1.8 98/01/13
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/*
 * @(#)WindowListener.java 1.7 98/07/01
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/*
* @(#)InvocationTargetException.java 1.4 98/07/01
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/*
* @(#)NoSuchElementException.java 1.14 98/07/01
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/*
* @(#)IllegalArgumentException.java	1.13 98/07/01
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/*
* @(#)DateFormatZoneData_sr.java	1.5 97/12/05
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 * @(#)PlainDatagramSocketImpl.java 1.10 98/07/01
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 * @(#)DirectColorModel.java 1.15 98/07/01
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 * @(#)RMIClassLoader.java 1.11 98/07/01
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/*
* @(#)Panel.java 1.20 98/07/01
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/*
* @(#)ServerRuntimeException.java 1.5 98/08/12
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/*
 * @(#)PaintEvent.java 1.7 98/07/01
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/*
 * @(#)Event.java 1.58 98/07/01
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/*
 * @(#)InputEvent.java 1.12 98/07/01
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/*
* @(#)ObjectInput.java	1.11 99/01/22
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/*
* @(#)RMISocketFactory.java	1.6 98/07/01
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 * @(#)Provider.java 1.21 98/07/01
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/*
 * @(#)MenuShortcut.java 1.10 98/07/01
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/*
 * @(#)VirtualMachineError.java 1.7 98/07/01
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/*
* @(#)AclNotFoundException.java	1.5 98/07/01
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* @(#)DateFormatZoneData_no.java	1.5 97/12/05
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/*
 * @(#)LocaleElements_de_AT_EURO.java 1.1 98/07/07
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 * @(#)Float.java 1.40 98/07/01
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/*
 * @(#)DateFormatZoneData_mk.java	1.4 97/12/05
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;/*
 * @(#)StubNotFoundException.java	1.4 98/08/12
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/*
* @(#)DigestOutputStream.java 1.22 99/02/09
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/*
* @(#)RuleBasedCollator.java 1.21 98/02/12
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/Utility.java
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/**
 * @(#)ActiveEvent.java 1.2 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/peer/ActiveEvent.java
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/*
* @(#)ArrayIndexOutOfBoundsException.java 1.14 98/07/01
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*/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/ArrayIndexOutOfBoundsException.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)LocaleElements_es_HN.java 1.2 98/01/13
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/*
* @(#)StreamTokenizer.java	1.21 98/07/01
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/*
* @(#)RemoteObject.java	1.8 98/08/12
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/*
* @(#)LinkageError.java	1.6 98/07/01
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/*
* @(#)FocusEvent.java 1.15 98/07/01
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/*
* @(#)NoSuchProviderException.java 1.12 99/02/09
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/*@
* ©(#)KeyException.java 1.10 99/02/09
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* ©(#)Graphics.java 1.43 98/08/19
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/*@
* ©(#)LocaleElements_da.java 1.7 98/01/13
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/*
 * @(#)LocaleElements_lv.java 1.7 98/01/13
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master/src/java/text/resources/LocaleElements_lv.java

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/*
 * @(#)LocaleElements_sl.java 1.9 98/01/13
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/ *
* @(#)BufferedWriter.java1.13 98/07/01
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/ *
* @(#)DateFormatZoneData_uk.java1.5 97/12/05
* 
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/*
 * @(#)FileInputStream.java 1.34 98/07/01
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/*
 * @(#)AppletStub.java 1.13 98/07/01
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/*
 * @(#)BorderLayout.java 1.32 98/07/01
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master/src/java/awt/BorderLayout.java
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/*
 * @(#)ContentHandler.java 1.8 98/07/01
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master/src/java/net/ContentHandler.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)LocaleElements_is.java 1.9 98/01/13
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/*
* @(#)Observer.java1.11 98/07/01
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/*
* @(#)WindowPeer.java1.4 98/07/01
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/*
* @(#)KeyAdapter.java 1.7 98/07/01
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* @(#)AbstractMethodError.java 1.11 98/07/01
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/*
* @(#)FilterOutputStream.java 1.16 98/07/01
*
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/event/AdjustmentEvent.java

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/*
 * @(#)MouseEvent.java	1.13 98/07/01
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/*
 * @(#)Hashtable.java	1.42 98/07/01
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/*
 * @(#)Date.java	1.52 00/02/10
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*/

@(#)PreparedStatement.java 1.9 98/07/01

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@(#)ImageConsumer.java 1.13 98/07/01

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 * @(#)Math.java.25 98/07/01
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* master/src/java/sql/SQLException.java
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* @(#)UnexpectedException.java 1.4 98/08/12
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* master/src/java/rmi/UnexpectedException.java
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/*
 * @(#)LocaleElements_de_LU_EURO.java 1.1 98/07/07
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_de_LU_EURO.java

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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/util/ListResourceBundle.java
No license file was found, but licenses were detected in source scan.

/*
 *@(#)ContentHandlerFactory.java 1.4 98/07/01
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/*
 *@(#)DatagramSocketImpl.java 1.11 98/07/01
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/*
 *@(#)BreakIterator.java 1.15 98/01/12
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  master/src/java/text/CharacterIterator.java
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/*
 * @(#)ConnectIOException.java 1.4 98/08/12
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  master/src/java/rmi/ConnectIOException.java
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/*
 * @(#)URL.java 1.44 98/07/01
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/*
 * @(#)LocaleElements_fr_LU.java1.1 98/07/07
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/*
 * @(#)VetoableChangeSupport.java1.14 98/07/01
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/*
 * @(#)DateFormatZoneData_fi.java1.5 97/12/05
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/*
* @(#)FontMetrics.java	1.18 98/07/01
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/*
* @(#)LocaleElements_lt.java	1.7 98/01/13
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/text/DateFormat.java

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/text/DateFormat.java

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```

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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/MessageFormat.java
```

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```
/*
* @(#)MessageFormat.java   1.15 97/01/29
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```

Found in path(s):
```
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/MessageFormat.java
```

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*/
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/dgc/DGC.java
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/
* @(#)StringCharacterIterator.java 1.15 98/02/02
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/StringCharacterIterator.java
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*/
* @(#)SocketOutputStream.java 1.12 98/07/01
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/*
 * @(#)ClassFormatError.java	1.13 98/07/01
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/*
 * @(#)ContainerListener.java	1.2 98/07/01
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/*
 * @(#)ZipFile.java 1.18 97/01/24
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master/src/java/util/zip/ZipFile.java

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/*
 * @(#)CollationRules.java 1.16 98/07/07
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/*
* @(#)NumberFormatException.java	1.12 98/07/01
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* @(#)MenuComponent.java	1.29 98/08/21
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/src/java/awt/MenuComponent.java
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/ *
* @(##)Rectangle.java 1.28 98/07/01
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/ *
* @(##)Thread.java 1.73 98/11/11
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/ *
* @(##)NoSuchObjectException.java 1.4 98/08/12
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/*
 * @(#)FlowLayout.java	1.27 98/07/01
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/*
 * @(#)Character.java	1.46 99/01/22
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/*
 * @(#)IllegalThreadStateException.java	1.14 98/07/01
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 * @(#)DriverManager.java	1.6 98/07/01
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/*@(#)NoSuchAlgorithmException.java	1.14 98/07/01

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/*@(#)LocaleElements_sq.java	1.8 98/01/14

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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/security/InvalidKeyException.java
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/*====================================================================*/
* @(#)ByteArrayInputStream.java 1.22 98/07/01
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/*====================================================================*/
* @(#)NoRouteToHostException.java 1.6 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/net/NoRouteToHostException.java
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/ *
* @(#)Permission.java 1.6 98/07/01
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/ *
* @(#)FocusAdapter.java 1.7 98/07/01
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/ *
* @(#)PropertyEditorSupport.java 1.7 98/07/01
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/****
* @(#)ObjectOutputStream.java1.36 98/07/01
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/****
* @(#)Enumeration.java1.12 98/07/01
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/*
 * @(#)EOFException.java 1.4 98/07/01
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/*
 * @(#)FileWriter.java 1.5 98/07/01
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/*
 * @(#)SimpleTimeZone.java 1.19 98/10/22
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/*@(#)Label.java 1.31 98/07/01
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master/src/java/awt/Label.java
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/*
* @(#)MalformedURLException.java 1.9 98/07/01
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* @(#)BeanInfo.java 1.19 98/07/01
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/*
* @(#)Field.java 1.10 98/07/01
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/*@(#)DateFormatZoneData_nl.java 1.5 97/12/05
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/*
* @(#)CompactCharArray.java 1.9 97/10/28
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/*
* @(#)Calendar.java 1.36 00/02/10
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/**
* @(#)VerifyError.java1.6 98/07/01
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/**
* @(#)GridBagLayout.java1.24 98/07/01
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 * @(#)LocaleElements_es_BO.java 1.2 98/01/13
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/*
 * @(#)LocaleElements_de_AT.java 1.9 98/01/13
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master/src/java/text/resources/LocaleElements_de_AT.java

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/*
* @(#)LoaderHandler.java 1.5 98/07/01
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/*
 * ThreadGroup.java 1.36 99/01/22
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/*
 * Canvas.java 1.18 98/07/01
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 * Polygon.java 1.18 98/07/01
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* @(#)StackOverflowError.java	1.14 98/07/01
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/*
* @(#)Byte.java 1.8 98/07/01
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/*
* @(#)Modifier.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_en_IE.java 1.7 98/01/13
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)PushbackReader.java 1.8 98/07/01
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/*
* @(#)IncompatibleClassChangeError.java 1.11 98/07/01
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/*
* @(#)File.java 1.53 98/10/06
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Found in path(s):
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/java/io/File.java

/*
 * @(#)SyncFailedException.java	1.6 98/07/01
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Found in path(s):
/java/io/File.java

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/java/io/SyncFailedException.java

/*
 * @(#)Number.java	1.21 98/07/01
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Found in path(s):
/java/io/Number.java

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/java/lang/Number.java

/*
 * @(#)CardLayout.java	1.22 98/07/01
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Found in path(s):
/java/lang/Number.java

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/*
* @(#)EventSetDescriptor.java 1.40 98/07/01
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/*
* @(#)DateFormatZoneData_sv.java 1.5 97/12/05
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/*. *
* @(#)FloatingDecimal.java1.10 98/07/01 *
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/*. *
* @(#)LocaleElements_be.java1.9 98/01/13 *
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/*
* @(#)LocaleElements_sk.java 1.7 98/01/13
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/*
 * @(#)ServerRef.java 1.5 98/08/12
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/*
 * @(#)LocaleElements_es_NI.java 1.2 98/01/13
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  master/src/java/text/resources/LocaleElements_es_NI.java
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	 /*
* @(#)Checksum.java	1.7 96/11/23
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  master/src/java/util/zip/Checksum.java
No license file was found, but licenses were detected in source scan.

	 /*
* @(#)LocaleElements_bg.java	1.9 98/01/13
*
No license file was found, but licenses were detected in source scan.

/*
 * @(#)DialogPeer.java 1.5 98/07/01
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  master/src/java/awt/peer/DialogPeer.java

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/*
 * @(#)DateFormatZoneData_da.java 1.5 97/12/05
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* @(#)Frame.java 1.77 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
* @(#)InternalError.java 1.14 98/07/01
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/ *
* @(#)LocaleElements_es_EC.java 1.2 98/01/13
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* @(#)MethodDescriptor.java 1.17 98/07/01
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 * @(#)DateFormatZoneData_lt.java 1.5 97/12/05
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master/src/java/text/resources/DateFormatZoneData_lt.java

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/*
 * @(#)TextField.java 1.46 98/08/13
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/*
* @(#)DateFormatZoneData_de.java	1.5 97/12/05
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_de.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)Stack.java	1.17 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/rmi/server/UnicastRemoteObject.java
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/*
 * @(#)UnicastRemoteObject.java	1.12 98/08/12
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/jdk-1.0-src-master/Java-JDK-1.0-src-master/src/java/rmi/server/UnicastRemoteObject.java
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/*
 * @(#)DateFormatZoneData_fr_CA.java	1.5 97/12/05
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/sql/CallableStatement.java
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/*
* @(#)StringWriter.java 1.6 98/07/01
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/*
* @(#)PrintGraphics.java 1.5 98/07/01
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/*
 * @(#)Cloneable.java 1.5 98/07/01
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/*
 * @(#)UID.java 1.6 98/08/12
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/*
 * @(#)BigInteger.java 1.11 99/02/09
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/*
* @(#)UTFDataFormatException.java	1.4 98/07/01
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/*
* @(#)InvalidClassException.java	1.6 98/07/01
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/*
* @(#)Unreferenced.java 1.4 98/07/01
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/*
* @(#)Locale.java  1.21 97/01/29
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/java-jdk-1-0-src-master/zip/Java-JDK-1.0-src-master/src/java/util/Locale.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)LocaleElements_fr_CA.java	1.7 98/01/13
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/*
 * @(#)ServerException.java	1.4 98/08/12
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  master/src/java/rmi/ServerException.java
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/ *
* @(#)GZIPOutputStream.java1.11 97/01/24
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  master/src/java/util/zip/GZIPOutputStream.java
No license file was found, but licenses were detected in source scan.

/ *
* @(#)Random.java1.17 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/util/Random.java

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/*
 * @(#)AccessException.java	1.4 98/08/12
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/*
* //@(#)EventObject.java 1.5 98/07/01
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/*
* //@(#)DateFormatZoneData_pl.java 1.5 97/12/05
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/ *
* @(#)DecimalFormatSymbols.java 1.17 98/02/19
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/ *
* @(#)LocaleElements_no.java 1.8 98/01/13
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* @(#)ImageObserver.java 1.18 98/07/01
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/*
 * @(#)IndexColorModel.java 1.16 98/07/01
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/*
 * @(#)TextFieldPeer.java 1.8 98/07/01
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/*
 * @(#)CheckedOutputStream.java 1.9 96/11/23
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/ *
* @(#)DateFormatZoneData_ru.java 1.5 97/12/05
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)ExceptionInInitializerError.java 1.3 98/07/01
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/*
 * @(#)LocaleElements_et.java 1.8 98/01/13
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/*
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/CharConversionException.java
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* @(Types.java.5 98/07/01
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/*
* @(LocaleElements_fr_LU EURO.java.1 98/07/07
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* @(FieldPosition.java.8 97/01/29
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/*
* @(#)WindowEvent.java 1.12 98/07/01
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/*
* @(#)OutOfMemoryError.java 1.14 98/07/01
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/*
  * @(#)LocaleElements_en_NZ.java 1.3 98/01/13
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/
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/jdk-1.0-src-master/src/java/text/resources/LocaleElements_ja.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)UnknownError.java 1.6 98/07/01
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/*
* @(#)DateFormatZoneData.java 1.6 97/10/28
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/*
 * @(#)Double.java 1.42 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)ObjectStreamConstants.java 1.12 98/07/01
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/*
 * @(#)LocaleElements_es_CR.java 1.2 98/01/13
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/*
 * @(#)DataFormatException.java 1.5 96/11/23
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master/src/java/util/zip/DataFormatException.java
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 * @(#)ZipException.java 1.5 96/11/23
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master/src/java/util/zip/ZipException.java
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 * @(#)ScrollPanePeer.java 1.7 98/07/01
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* @(#)SkeletonMismatchException.java 1.4 98/08/12
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* @(#)CharacterBreakData.java 1.9 98/01/12
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/ *
* @(#)RemoteServer.java 1.10 98/08/12
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* @(#)DateFormatZoneData_pt.java 1.5 97/12/05
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/*
* @(#)Serializable.java 1.6 98/07/01
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* @(#)InstantiationError.java 1.5 98/07/01
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* @(#)LocaleElements_pt.java 1.6 98/01/13
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master/src/java/text/resources/LocaleElements_pt.java
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 * @(#)LightweightPeer.java 1.3 98/07/01
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 * @(#)EventListener.java 1.4 98/07/01
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/*
 * @(#)Vector.java 1.39 98/07/01
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* @(#)ParseException.java 1.5 97/01/20
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 * @(#)Toolkit.java 1.74 98/12/09
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 * @(#)ComponentEvent.java 1.15 98/07/01
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/*
 * @(#)LocaleElements_it_CH.java 1.8 98/01/13
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* @(#)PropertyChangeSupport.java	1.13 98/07/01
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/*
* @(#)LocaleElements_fr_BE_EURO.java 1.1 98/07/07
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/*
* @(#)KeyManagementException.java 1.8 99/02/09
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/*
* @(#)BufferedInputStream.java 1.27 98/07/01
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/*
* @(#)BindException.java 1.6 98/07/01
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* @(#)DateFormatZoneData_ca.java 1.5 97/12/05
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* @(#)ActionListener.java 1.7 98/07/01
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/*
 * @(#)VetoableChangeListener.java 1.7 98/07/01
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/*
 * @(#)MouseListener.java 1.7 98/07/01
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/*
 * @(#)FilterReader.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_en_ZA.java 1.2 98/01/13
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/*
 * @(#)TextComponent.java 1.35 98/12/04
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/*
 * @(#)UnmarshalException.java 1.4 98/08/12
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/*
 * @(#)RMISecurityException.java 1.4 98/08/12
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*/
* @(#)CheckboxMenuItemPeer.java 1.5 98/07/01
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*/
* @(#)FeatureDescriptor.java 1.16 98/07/01
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/
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/*
 * @(#)FilterInputStream.java 1.16 98/07/01
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  master/src/java/io/FilterInputStream.java
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/*
 * @(#)DateFormatZoneData_it_CH.java 1.4 97/12/05
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/*
 * @(#)Constructor.java 1.14 98/07/01
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/*
 * @(#)ArrayStoreException.java 1.4 98/07/01
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/*
 * @(#)PrintWriter.java 1.13 98/07/01
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/*
* @(#)BufferedOutputStream.java	1.21 98/07/01
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/*
* @(#)DatabaseMetaData.java	1.9 98/07/01
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/*
 * @(#)ParameterDescriptor.java 1.10 98/07/01
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/*
 * @(#)ParsePosition.java 1.6 97/02/06
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/
* @(#)MenuComponentPeer.java 1.3 98/07/01
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/
* @(#)ServerSocket.java 1.30 00/08/09
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/*
 * @(#)CharArrayWriter.java 1.7 98/07/01
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/*
 * @(#)IndexOutOfBoundsException.java 1.4 98/07/01
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/*
 * @(#)List.java 1.62 99/01/22
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  master/src/java/awt/List.java
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/*
* @(#)AdjustmentListener.java 1.6 98/07/01
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/*
* @(#)Applet.java 1.43 98/07/01
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  master/src/java/applet/Applet.java

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/*
 * @(#)AWTError.java 1.8 98/07/01
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/*
 * @(#)DateFormatZoneData_th.java 1.1 98/01/08
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/*
* @(#)Method.java 1.15 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/reflect/Method.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)Shape.java 1.4 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
* @(#)PropertyResourceBundle.java 1.8 97/12/05
*/
No license file was found, but licenses were detected in source scan.

/*
 * @(#)IOException.java 1.14 98/07/01
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/*
 * @(#)RMIFailureHandler.java 1.4 98/07/01
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/*
 * @(#)DateFormatZoneData_de_CH.java 1.5 97/12/05
 * 
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 */
/*
 * @(#)Font.java 1.29 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)DateFormatZoneData_no_NO_NY.java 1.4 97/12/05
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_no_NO_NY.java
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/*
 * @(#)WindowAdapter.java 1.8 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/event/WindowAdapter.java
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/*
 * @(#)MenuItemPeer.java 1.8 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master/zip/Java-JDK-1.0-src-master/src/java/awt/peer/MenuItemPeer.java
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/*
 * @(#)ZipEntry.java 1.18 97/01/24
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   * @(#)LocaleData.java 1.21 98/10/20
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/*
 * @(#)Menu.java 1.41 98/08/21
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)VisualTest.java 1.13 98/07/01
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No license file was found, but licenses were detected in source scan.
/*
 * @(#)EventQueueListener.java 1.2 98/07/01
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/*
 * @(#)ProtocolException.java 1.9 98/07/01
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/*
 * @(#)SecurityManager.java 1.50 98/08/17
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/**
 * @(#)ObjectStreamField.java 1.10 98/07/01
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/**
 * @(#)DateFormatZoneData_ko.java 1.4 97/12/05
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/*
 * @(#)FontPeer.java 1.3 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)Runtime.java 1.28 00/04/06
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 * @(#)RMISecurityManager.java 1.13 98/09/02
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/*
 * @(#)PropertyEditor.java 1.27 98/07/01
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/*
 * @(#)CompactByteArray.java 1.9 97/10/28
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No license file was found, but licenses were detected in source scan.

/*
* @(#)DataFlavor.java 1.6 98/07/01
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* @(#)LocaleElements_ar.java 1.10 98/01/13
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* @(#)URLStreamHandler.java 1.23 98/07/01
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* @(#)ThreadDeath.java 1.8 98/07/01
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/
* @(#)Statement.java 1.7 98/07/01
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/
* @(#)SocketSecurityException.java 1.4 98/08/12
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*/
* @(#)LocaleElements_es_VE.java 1.2 98/01/13
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/*
 * @(#)InstantiationException.java	1.10 98/07/01
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 * @(#)StringBuffer.java	1.36 98/10/28
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/*
 * @(#)StringTokenizer.java	1.16 98/07/01
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 * @(#)GridBagConstraints.java 1.11 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/GridBagConstraints.java

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/*
 * @(#)DateFormatZoneData_lv.java 1.5 97/12/05
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master/src/java/text/resources/DateFormatZoneData_lv.java
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/*
* @(#)DecompositionIterator.java	1.18 97/12/05
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master/src/java/text/DecompositionIterator.java
No license file was found, but licenses were detected in source scan.

/*
* @(#)ComponentListener.java	1.7 98/07/01
*
No license file was found, but licenses were detected in source scan.

/*
 * @(#)LocaleElements_es_PY.java 1.2 98/01/13
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 * @(#)MemoryImageSource.java 1.19 98/07/01
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]*) DatagramPacket.java.13 98/07/01
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]*) ListPeer.java.10 98/07/01
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 * @(#)LocaleElements_es_PA.java 1.2 98/01/13
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/*
 * @(#)LocaleElements_sv.java 1.7 98/01/13
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/*
* @(#)BufferedReader.java 1.12 98/07/01
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* @(#)ZipConstants.java 1.10 96/11/24
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/ *
* @(#)SignatureException.java 1.6 98/07/01
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* @(#)Clipboard.java 1.6 98/07/01
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 * @(#)ClassCastException.java 1.13 98/07/01
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/*
 * @(#)Remote.java 1.4 98/12/21
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 * @(#)ReplicateScaleFilter.java	1.3 98/07/01
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 * @(#)Properties.java 1.31 98/07/01
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No license file was found, but licenses were detected in source scan.

/ *
* @(#)LineNumberInputStream.java 1.13 98/07/01
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/ *
* @(#)EmptyStackException.java 1.13 98/07/01
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 * @(#)AclEntry.java 1.9 98/07/01
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/*
 * @(#)ZipInputStream.java 1.11 97/01/24
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/**
 * @(#)InterruptedException.java 1.8 98/07/01
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/**
 * @(#)MenuBarPeer.java 1.7 98/07/01
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/**
 * @(#)ClipboardOwner.java 1.3 98/07/01
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master/src/java/awt/datatransfer/ClipboardOwner.java
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/*
* @(#)LocaleElements_no_NO_NY.java.5 98/01/13
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master/src/java/text/resources/LocaleElements_no_NO_NY.java
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/*
* @(#)Lease.java.4 98/08/12
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/*
* @(#)TTY.java 1.81 98/12/02
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/*
* @(#)LocaleElements_es.java 1.10 98/01/14
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master/src/java/text/resources/LocaleElements_es.java
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/*
* @(#)Observable.java 1.20 98/07/01
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master/src/java/util/Observable.java
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/*
* @(#)Class.java 1.57 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
* @(#)Serializable.java 1.7 98/07/01
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/*
* @(#)NumberFormat.java 1.36 98/10/05
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/*
* @(#)SentenceBreakData.java	1.9 98/03/05
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/*
 * @(#)SecurityException.java 1.7 98/07/01
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/*
 * @(#)ButtonPeer.java 1.6 98/07/01
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/*
 * @(#)PopupMenuPeer.java 1.3 98/07/01
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* @(#)SecureRandom.java 1.19 98/08/06
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* @(#)InterruptedIOException.java 1.8 98/07/01
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/*
 * @(#)DateFormatZoneData_iw.java	1.4 97/12/05
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/*
 * @(#)LocaleElements_es_ES_EURO.java	1.1 98/07/07
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/*
 * @(#)ServerError.java	1.4 98/08/12
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/*
 * @(#)Operation.java	1.5 98/07/01
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No license file was found, but licenses were detected in source scan.

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 * @(#)LocaleElements_mk.java	1.11 98/01/13
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/ *
* @(#)Naming.java 1.6 98/11/30
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/ *
* @(#)UnsatisfiedLinkError.java 1.14 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/UnsatisfiedLinkError.java
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/*
* @(#)TextListener.java 1.3 98/07/01
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/*
* @(#)DateFormatZoneData_zh_TW.java 1.4 97/12/05
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* /opt/ws_local/PERMITS_SQL/1032092742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_zh_TW.java
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/ *
* @(#)OutputStreamWriter.java 1.12 98/12/14
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/ *
* @(#)Collator.java 1.14 98/08/19
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/*@(#)BeanDescriptor.java1.11 98/07/01
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/*@(#)DateFormatZoneData_sq.java1.5 97/12/05
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/*
 * @(#)Principal.java 1.15 99/02/09
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/*
 * @(#)System.java 1.73 98/07/01
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/*
 * @(#)ItemEvent.java	1.14 98/07/01
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/*
 * @(#)TextComponentPeer.java	1.5 98/07/01
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/ *
* @(#)Transferable.java 1.4 98/07/01
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/ *
* @(#)ImageFilter.java 1.18 98/07/01
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/ *
* @(#)DateFormatSymbols.java 1.20 98/01/12
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* *
*/
/**
 * <code>DateFormatSymbols</code> is a public class for encapsulating
 * localizable date-time formatting data, such as the names of the
 * months, the names of the days of the week, and the time zone data.
 * <code>DateFormat</code> and <code>SimpleDateFormat</code> both use
 * <code>DateFormatSymbols</code> to encapsulate this information.
 *
 * Typically you shouldn't use <code>DateFormatSymbols</code> directly.
 * Rather, you are encouraged to create a date-time formatter with the
 * <code>DateFormat</code> class's factory methods: <code>getTimeInstance</code>,
 * <code>getDateTimeInstance</code>, or <code>getDateTimeInstance</code>.
 * These methods automatically create a <code>DateFormatSymbols</code> for
 * the formatter so that you don't have to. After the
 * formatter is created, you may modify its format pattern using the
 * <code>setPattern</code> method. For more information about
 * creating formatters using <code>DateFormat</code>'s factory methods,
 * see <a href="java.text.DateFormat.html"><code>DateFormat</code></a>.
 */

```java

```
* If you decide to create a date-time formatter with a specific
* format pattern for a specific locale, you can do so with:
* <blockquote>
* <pre>
* new SimpleDateFormat(aPattern, new DateFormatSymbols(aLocale)).
* </pre>
* </blockquote>
* <p>
* <code>DateFormatSymbols</code> objects are clonable. When you obtain
* a <code>DateFormatSymbols</code> object, feel free to modify the
* date-time formatting data. For instance, you can replace the localized
* date-time format pattern characters with the ones that you feel easy
* to remember. Or you can change the representative cities
* to your favorite ones.
* 
* * <p>
* New <code>DateFormatSymbols</code> subclasses may be added to support
* <code>SimpleDateFormat</code> for date-time formatting for additional locales.
* 
* @see DateFormat
* @see SimpleDateFormat
* @see java.util.SimpleTimeZone
* @version 1.20 01/12/98
* @author Chen-Lieh Huang
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-
master/src/java/text/DateFormatSymbols.java
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/*
* @(#)LocaleElements_hr.java 1.8 98/01/13
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master/src/java/text/resources/LocaleElements_hr.java

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/ *
* @(#)PlainSocketImpl.java.26 98/07/01
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master/src/java/net/PlainSocketImpl.java

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/ *
* @(#)LocaleElements_es_PE.java.2 98/01/13
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/*
* @(#)CollationKey.java 1.4 97/01/28
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/* */

*(@(#)LocaleElements_hu.java1.9 98/01/13
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master/src/java/text/resources/LocaleElements_hu.java
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/*
* @(#)Signature.java 1.49 98/07/01
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/
* @(#)DataOutput.java 1.7 98/07/01
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/
* @(#)InvalidObjectException.java 1.7 98/07/01
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/ *
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/*
   @(#)CheckboxGroup.java 1.21 98/07/01
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/*
   @(#)LocaleElements_ca.java 1.7 98/01/13
*/

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* /*

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* master/src/java/text/resources/LocaleElements_ca.java
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/*
* @(#)Customizer.java.12 98/07/01
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* master/src/java/beans/Customizer.java
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/*
* @(#)Scrollbar.java.55 98/07/01
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master/src/java/awt/Scrollbar.java
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/*
 * @(#)CheckedInputStream.java	1.10 96/11/23
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/*
 * @(#)UnknownHostException.java	1.5 98/08/12
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/*
 * @(#)NoSuchMethodException.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_sr.java 1.10 98/01/13
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/*
* @(#)Reader.java 1.9 98/07/01
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/*
* @(#)LocaleElements_de.java 1.9 98/01/13
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/*
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* @(#)DateFormatZoneData_en_CA.java1.7 98/01/12
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/*
* @(#)Throwable.java	1.33 98/07/01
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* @(#)Adler32.java	1.11 97/01/27
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/*
 * @(#)LocaleElements_it.java 1.6 98/01/13
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/ *
 * @(#)LocaleElements_en.java 1.7 98/01/13
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 * @(#)Void.java 1.4 98/07/01
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 * @(#)LocaleElements_fr.java 1.7 98/01/13
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/*
 * @(#)LocaleElements_fr_FR_EURO.java 1.1 98/07/07
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 * @(#)NoClassDefFoundError.java 1.13 98/07/01
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*/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_fr_CH.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)PropertyVetoException.java 1.7 98/07/01
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*/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/beans/PropertyVetoException.java
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*/
* @(#)EventDispatchThread.java 1.20 00/02/10
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*/opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/EventDispatchThread.java
No license file was found, but licenses were detected in source scan.

*/
* @(#)IllegalAccessException.java 1.4 98/07/01
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/*
* @(#)ExportException.java 1.4 98/08/12
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/*
* @(#)DSAKey.java 1.7 99/02/09
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/*
 * @(#)DateFormatZoneData_fr_BE.java 1.5 97/12/05
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/*
 * @(#)CRC32.java 1.11 97/01/27
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/ *
* @(#)ImageProducer.java1.12 98/07/01
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/ *
* @(#)SocketImplFactory.java1.9 98/07/01
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/*
* @(#)InflaterInputStream.java	1.16 98/03/19
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/*
* @(#)ProviderException.java	1.7 99/02/09
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*/
* @(#)TooManyListenersException.java 1.2 98/07/01
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/*
* @(#)Boolean.java 1.28 98/07/07
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/*
* @(#)LocaleElements_it_IT_EURO.java 1.2 98/10/09
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/*
* @(#)ScrollbarPeer.java 1.9 98/07/01
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/*
* @(#)ClassCircularityError.java 1.8 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
* @(#)FileNameMap.java 1.5 98/07/01
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/*
 * @(#)Certificate.java 1.16 98/07/01
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/*
 * @(#)Date.java 1.6 98/07/01
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/*
 * @(#)MergeCollation.java 1.10 97/12/05
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/*
* @(#)ServerNotActiveException.java	1.5 98/08/12
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/*
* @(#)NotBoundException.java	1.4 98/08/12
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* @(#)PropertyEditorManager.java 1.27 98/07/01
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* @(#)PatternEntry.java 1.16 97/10/28
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/*
 * @(#)SimpleTextBoundary.java 1.15 98/02/12
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* /opt/ws_local/PERMITS_SQL/1032029742_1594739142.04/0/java-jdk-1-0-src-master.zip/Java-JDK-1.0-src-master/src/java/awt/peer/ChoicePeer.java
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/*
 * @(#)CompactShortArray.java 1.9 97/10/28
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 * @(#)LayoutManager.java 1.15 98/07/01
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]*)(SocketOptions.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_uk.java 1.10 98/01/13
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/*
 * @(#)Process.java	1.11 98/07/01
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/*
 * @(#)NoSuchFieldException.java	1.6 98/07/01
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 * @(#)Identity.java	1.28 98/07/01
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/
* @(#)FocusListener.java 1.6 98/07/01
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/
* @(#)LineNumberReader.java 1.6 98/07/01
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/ *
* @(#)ClassLoader.java 1.62 00/02/11
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/ *
* @(#)LocaleElements_pt_BR.java 1.2 98/01/13
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* master/src/java/text/resources/LocaleElements_pt_BR.java
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* @(#)Inflater.java	1.19 98/08/20
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* master/src/java/util/zip/Inflater.java
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/*
* @(#)LocateRegistry.java	1.8 98/07/01
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/*
* @(#)DateFormatZoneData_be.java	1.5 97/12/05
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/*
* @(#)CollationElementIterator.java	1.16 98/10/07
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master/src/java/text/CollationElementIterator.java

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/*
* @(#)LocaleElements_nl.java 1.6 98/01/13
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* #@(#)MenuBar.java 1.38 98/08/21
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1.551 libxi 1.7.6-1

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1.552 cloud-init 19.4-2.ph3

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1.553 alpine-keys 2.1-r1

1.554 dropwizard-core 1.1.0

1.555 activemq-console 5.15.2
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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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================================================================================
Building and Distributing Packages with Setuptools
================================================================================

``Setuptools`` is a collection of enhancements to the Python ``distutils`` (for Python 2.6 and up) that allow developers to more easily build and distribute Python packages, especially ones that have dependencies on other packages.

Packages built and distributed using ``setuptools`` look to the user like ordinary Python packages based on the ``distutils``. Your users don't need to install or even know about setuptools in order to use them, and you don't
have to include the entire setuptools package in your distributions. By including just a single `bootstrap module` (a 12K .py file), your package will automatically download and install ``setuptools`` if the user is building your package from source and doesn't have a suitable version already installed.

.. _bootstrap module: https://bootstrap.pypa.io/ez_setup.py

**Feature Highlights:**

* Automatically find/download/install/upgrade dependencies at build time using the `EasyInstall tool <easy_install.html>`_, which supports downloading via HTTP, FTP, Subversion, and SourceForge, and automatically scans web pages linked from PyPI to find download links. (It's the closest thing to CPAN currently available for Python.)

* Create `Python Eggs <http://peak.telecommunity.com/DevCenter/PythonEggs>`_ - a single-file importable distribution format

* Enhanced support for accessing data files hosted in zipped packages.

* Automatically include all packages in your source tree, without listing them individually in setup.py

* Automatically include all relevant files in your source distributions, without needing to create a `MANIFEST.in` file, and without having to force regeneration of the `MANIFEST` file when your source tree changes.

* Automatically generate wrapper scripts or Windows (console and GUI) .exe files for any number of "main" functions in your project. (Note: this is not a py2exe replacement; the .exe files rely on the local Python installation.)

* Transparent Pyrex support, so that your setup.py can list `.pyx` files and still work even when the end-user doesn't have Pyrex installed (as long as you include the Pyrex-generated C in your source distribution)

* Command aliases - create project-specific, per-user, or site-wide shortcut names for commonly used commands and options

* PyPI upload support - upload your source distributions and eggs to PyPI

* Deploy your project in "development mode", such that it's available on `sys.path`, yet can still be edited directly from its source checkout.

* Easily extend the distutils with new commands or `setup()` arguments, and distribute/reuse your extensions for multiple projects, without copying code.

* Create extensible applications and frameworks that automatically discover extensions, using simple "entry points" declared in a project's setup script.
In addition to the PyPI downloads, the development version of `setuptools` is available from the `Python SVN sandbox` and in-development versions of the `0.6 branch` are available as well.

.. _0.6 branch: http://svn.python.org/projects/sandbox/branches/setuptools-0.6/#egg=setuptools-dev06

.. _Python SVN sandbox: http://svn.python.org/projects/sandbox/trunk/setuptools/#egg=setuptools-dev

.. contents:: **Table of Contents**

.. _ez_setup.py: `bootstrap module`

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Developer's Guide
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Installing `setuptools`

Please follow the `EasyInstall Installation Instructions` to install the current stable version of setuptools. In particular, be sure to read the section on `Custom Installation Locations` if you are installing anywhere other than Python's `site-packages` directory.

.. _EasyInstall Installation Instructions: easy_install.html#installation-instructions

.. _Custom Installation Locations: easy_install.html#custom-installation-locations

If you want the current in-development version of setuptools, you should first install a stable version, and then run:

```python
ez_setup.py setuptools==dev
```

This will download and install the latest development (i.e. unstable) version of setuptools from the Python Subversion sandbox.

Basic Use

For basic use of setuptools, just import things from setuptools instead of the distutils. Here's a minimal setup script using setuptools:

```python
from setuptools import setup, find_packages
setup(
```
name = "HelloWorld",
    version = "0.1",
    packages = find_packages(),
)

As you can see, it doesn't take much to use setuptools in a project. Run that script in your project folder, alongside the Python packages you have developed.

Invoke that script to produce eggs, upload to PyPI, and automatically include all packages in the directory where the setup.py lives. See the ‘Command Reference’ section below to see what commands you can give to this setup script. For example, to produce a source distribution, simply invoke:

    python setup.py sdist

Of course, before you release your project to PyPI, you'll want to add a bit more information to your setup script to help people find or learn about your project. And maybe your project will have grown by then to include a few dependencies, and perhaps some data files and scripts:

    from setuptools import setup, find_packages
    setup(
        name = "HelloWorld",
        version = "0.1",
        packages = find_packages(),
        scripts = ['say_hello.py'],
        # Project uses reStructuredText, so ensure that the docutils get installed or upgraded on the target machine
        install_requires = ['docutils>=0.3'],
        package_data = {
            # If any package contains *.txt or *.rst files, include them:
            ': ['*.txt', '*.rst'],
            # And include any *.msg files found in the 'hello' package, too:
            'hello': ['*.msg'],
        },
        # metadata for upload to PyPI
        author = "Me",
        author_email = "me@example.com",
        description = "This is an Example Package",
        license = "PSF",
        keywords = 'hello world example examples',
        url = "http://example.com/HelloWorld/",  # project home page, if any
In the sections that follow, we'll explain what most of these `setup()` arguments do (except for the metadata ones), and the various ways you might use them in your own project(s).

Specifying Your Project's Version
---------------------------------

Setuptools can work well with most versioning schemes; there are, however, a few special things to watch out for, in order to ensure that setuptools and EasyInstall can always tell what version of your package is newer than another version. Knowing these things will also help you correctly specify what versions of other projects your project depends on.

A version consists of an alternating series of release numbers and pre-release or post-release tags. A release number is a series of digits punctuated by dots, such as ``2.4`` or ``0.5``. Each series of digits is treated numerically, so releases ``2.1`` and ``2.1.0`` are different ways to spell the same release number, denoting the first subrelease of release 2. But ``2.10`` is the *tenth* subrelease of release 2, and so is a different and newer release from ``2.1`` or ``2.1.0``. Leading zeros within a series of digits are also ignored, so ``2.01`` is the same as ``2.1``, and different from ``2.0.1``.

Following a release number, you can have either a pre-release or post-release tag. Pre-release tags make a version be considered *older* than the version they are appended to. So, revision ``2.4c1`` is *newer* than revision ``2.4c1``, which in turn is newer than ``2.4b1`` or ``2.4a1``. Postrelease tags make a version be considered *newer* than the version they are appended to. So, revisions like ``2.4-1`` and ``2.4pl3`` are newer than ``2.4``, but are *older* than ``2.4.1`` (which has a higher release number).

A pre-release tag is a series of letters that are alphabetically before "final". Some examples of prerelease tags would include `"beta"`, `"alpha"`, `"c"`, `"dev"`, and so on. You do not have to place a dot or dash before the prerelease tag if it's immediately after a number, but it's okay to do so if you prefer. Thus, ``2.4c1`` and ``2.4c1`` and ``2.4-c1`` all represent release candidate 1 of version ``2.4``, and are treated as identical by setuptools.

In addition, there are three special prerelease tags that are treated as if they were the letter `"c"`: `"pre"`, `"preview"`, and `"rc"`. So, version ``2.4rc1`` and ``2.4pre1`` and ``2.4preview1`` are all the exact same version as ``2.4c1``, and are treated as identical by setuptools.

A post-release tag is either a series of letters that are alphabetically
greater than or equal to "final", or a dash ("-"'. Post-release tags are
generally used to separate patch numbers, port numbers, build numbers, revision
numbers, or date stamps from the release number. For example, the version
"2.4-r1263" might denote Subversion revision 1263 of a post-release patch of
version "2.4". Or you might use "2.4-20051127" to denote a date-stamped
post-release.

Notice that after each pre or post-release tag, you are free to place another
release number, followed again by more pre- or post-release tags. For example,
"0.6a9.dev-r41475" could denote Subversion revision 41475 of the in-
development version of the ninth alpha of release 0.6. Notice that "dev" is
a pre-release tag, so this version is a *lower* version number than "0.6a9",
which would be the actual ninth alpha of release 0.6. But the "-r41475" is
a post-release tag, so this version is *newer* than "0.6a9.dev".

For the most part, setuptools' interpretation of version numbers is intuitive,
but here are a few tips that will keep you out of trouble in the corner cases:

* Don't stick adjoining pre-release tags together without a dot or number
  between them. Version "1.9a.dev" is the "a.dev" prerelease of "1.9",
  *not* a development pre-release of "1.9a". Use ".dev" instead, as in
  "1.9a.dev", or separate the prerelease tags with a number, as in
  "1.9a0dev". "1.9a.dev", "1.9a0dev", and even "1.9a0.dev" are
  identical versions from setuptools' point of view, so you can use whatever
  scheme you prefer.

* If you want to be certain that your chosen numbering scheme works the way
  you think it will, you can use the "pkg_resources.parse_version()"
function to compare different version numbers::

    >>> from pkg_resources import parse_version
    >>> parse_version('1.9.a.dev') == parse_version('1.9a0dev')
    True
    >>> parse_version('2.1-rc2') < parse_version('2.1')
    True
    >>> parse_version('0.6a9dev-r41475') < parse_version('0.6a9')
    True

Once you've decided on a version numbering scheme for your project, you can
have setuptools automatically tag your in-development releases with various
pre- or post-release tags. See the following sections for more details:

* `Tagging and "Daily Build" or "Snapshot" Releases`_
* `Managing "Continuous Releases" Using Subversion`_
* The `egg_info`_ command

New and Changed "setup()" Keywords
The following keyword arguments to `setup()` are added or changed by `setuptools`. All of them are optional; you do not have to supply them unless you need the associated `setuptools` feature.

``include_package_data``
If set to `True`, this tells `setuptools` to automatically include any data files it finds inside your package directories that are specified by your `MANIFEST.in` file. For more information, see the section below on `Including Data Files`.

``exclude_package_data``
A dictionary mapping package names to lists of glob patterns that should be *excluded* from your package directories. You can use this to trim back any excess files included by `include_package_data`. For a complete description and examples, see the section below on `Including Data Files`.

``package_data``
A dictionary mapping package names to lists of glob patterns. For a complete description and examples, see the section below on `Including Data Files`. You do not need to use this option if you are using `include_package_data`, unless you need to add e.g. files that are generated by your setup script and build process. (And are therefore not in source control or are files that you don't want to include in your source distribution.)

``zip_safe``
A boolean (True or False) flag specifying whether the project can be safely installed and run from a zip file. If this argument is not supplied, the `bdist_egg` command will have to analyze all of your project's contents for possible problems each time it builds an egg.

``install_requires``
A string or list of strings specifying what other distributions need to be installed when this one is. See the section below on `Declaring Dependencies` for details and examples of the format of this argument.

``entry_points``
A dictionary mapping entry point group names to strings or lists of strings defining the entry points. Entry points are used to support dynamic discovery of services or plugins provided by a project. See `Dynamic Discovery of Services and Plugins` for details and examples of the format of this argument. In addition, this keyword is used to support `Automatic Script Creation`.

``extras_require``
A dictionary mapping names of "extras" (optional features of your project)
to strings or lists of strings specifying what other distributions must be installed to support those features. See the section below on 'Declaring Dependencies' for details and examples of the format of this argument.

``setup_requires``
A string or list of strings specifying what other distributions need to be present in order for the *setup script* to run. `setuptools` will attempt to obtain these (even going so far as to download them using `EasyInstall`) before processing the rest of the setup script or commands. This argument is needed if you are using distutils extensions as part of your build process; for example, extensions that process setup() arguments and turn them into EGG-INFO metadata files.

(Note: projects listed in `setup_requires` will NOT be automatically installed on the system where the setup script is being run. They are simply downloaded to the `.eggs` directory if they're not locally available already. If you want them to be installed, as well as being available when the setup script is run, you should add them to `install_requires` **and** `setup_requires`).

``dependency_links``
A list of strings naming URLs to be searched when satisfying dependencies. These links will be used if needed to install packages specified by `setup_requires` or `tests_require`. They will also be written into the egg's metadata for use by tools like EasyInstall to use when installing an `.egg` file.

``namespace_packages``
A list of strings naming the project's "namespace packages". A namespace package is a package that may be split across multiple project distributions. For example, Zope 3's ``zope`` package is a namespace package, because subpackages like ``zope.interface`` and ``zope.publisher`` may be distributed separately. The egg runtime system can automatically merge such subpackages into a single parent package at runtime, as long as you declare them in each project that contains any subpackages of the namespace package, and as long as the namespace package's ``__init__.py`` does not contain any code other than a namespace declaration. See the section below on `Namespace Packages` for more information.

``test_suite``
A string naming a `unittest.TestCase` subclass (or a package or module containing one or more of them, or a method of such a subclass), or naming a function that can be called with no arguments and returns a `unittest.TestSuite`. If the named suite is a module, and the module has an `additional_tests()` function, it is called and the results are added to the tests to be run. If the named suite is a package, any submodules and subpackages are recursively added to the overall test suite.
Specifying this argument enables use of the `test` command to run the specified test suite, e.g. via `setup.py test`. See the section on the `test` command below for more details.

``tests_require``

If your project's tests need one or more additional packages besides those needed to install it, you can use this option to specify them. It should be a string or list of strings specifying what other distributions need to be present for the package's tests to run. When you run the `test` command, `setuptools` will attempt to obtain these (even going so far as to download them using `EasyInstall`). Note that these required projects will not be installed on the system where the tests are run, but only downloaded to the project's setup directory if they're not already installed locally.

.. _test_loader:

``test_loader``

If you would like to use a different way of finding tests to run than what setuptools normally uses, you can specify a module name and class name in this argument. The named class must be instantiable with no arguments, and its instances must support the `loadTestsFromNames()` method as defined in the Python `unittest` module's `TestLoader` class. Setuptools will pass only one test "name" in the 'names' argument: the value supplied for the `test_suite` argument. The loader you specify may interpret this string in any way it likes, as there are no restrictions on what may be contained in a `test_suite` string.

The module name and class name must be separated by a `:`. The default value of this argument is `"setuptools.command.test:ScanningLoader"`. If you want to use the default `unittest` behavior, you can specify `"unittest:TestLoader"` as your `test_loader` argument instead. This will prevent automatic scanning of submodules and subpackages.

The module and class you specify here may be contained in another package, as long as you use the `tests_require` option to ensure that the package containing the loader class is available when the `test` command is run.

``eager_resources``

A list of strings naming resources that should be extracted together, if any of them is needed, or if any C extensions included in the project are imported. This argument is only useful if the project will be installed as a zipfile, and there is a need to have all of the listed resources be extracted to the filesystem as a unit. Resources listed here should be `"/`-separated paths, relative to the source root, so to list a resource `foo.png` in package `bar.baz`, you would include the string `bar/baz/foo.png` in this argument.
If you only need to obtain resources one at a time, or you don't have any C extensions that access other files in the project (such as data files or shared libraries), you probably do NOT need this argument and shouldn't mess with it. For more details on how this argument works, see the section below on 'Automatic Resource Extraction'.

``use_2to3``
Convert the source code from Python 2 to Python 3 with 2to3 during the build process. See `python3` for more details.

``convert_2to3_doctests``
List of doctest source files that need to be converted with 2to3.
See `python3` for more details.

``use_2to3_fixers``
A list of modules to search for additional fixers to be used during the 2to3 conversion. See `python3` for more details.

Using `find_packages()`

``find_packages()`` takes a source directory and two lists of package name patterns to exclude and include. If omitted, the source directory defaults to the same directory as the setup script. Some projects use a `src` or `lib` directory as the root of their source tree, and those projects would of course use `''src''` or `''lib''` as the first argument to `find_packages()`. (And such projects also need something like `''package_dir = {'':''src'}''` in their `setup()` arguments, but that's just a normal distutils thing.)

Anyway, `find_packages()` walks the target directory, filtering by inclusion patterns, and finds Python packages (any directory). On Python 3.2 and earlier, packages are only recognized if they include an `__init__.py` file. Finally, exclusion patterns are applied to remove matching packages.

Inclusion and exclusion patterns are package names, optionally including wildcards. For example, `find_packages(exclude=[''*.tests''])` will exclude all packages whose last name part is `''tests'`. Or, `find_packages(exclude=[''*.tests'', ''*.tests.*''])` will also exclude any subpackages of packages named `''tests'`, but it still won't exclude a top-level `''tests''` package or the children thereof. In fact, if you really want no `''tests''` packages at all, you'll need
something like this:

```python
find_packages(exclude=['*.tests', '*.tests.*', 'tests.*', 'tests'])
```

in order to cover all the bases. Really, the exclusion patterns are intended
to cover simpler use cases than this, like excluding a single, specified
package and its subpackages.

Regardless of the parameters, the `find_packages()`
function returns a list of package names suitable for use as the `packages`
argument to `setup()`, and so is usually the easiest way to set that
argument in your setup script. Especially since it frees you from having to
remember to modify your setup script whenever your project grows additional
top-level packages or subpackages.

Automatic Script Creation
========================

Packaging and installing scripts can be a bit awkward with the distutils. For
one thing, there's no easy way to have a script's filename match local
conventions on both Windows and POSIX platforms. For another, you often have
to create a separate file just for the "main" script, when your actual "main"
is a function in a module somewhere. And even in Python 2.4, using the `-m`
option only works for actual `.py` files that aren't installed in a package.

``setuptools`` fixes all of these problems by automatically generating scripts
for you with the correct extension, and on Windows it will even create an
`.exe` file so that users don't have to change their `PATHEXT` settings.
The way to use this feature is to define "entry points" in your setup script
that indicate what function the generated script should import and run. For
example, to create two console scripts called `foo` and `bar`, and a GUI
script called `baz`, you might do something like this:

```python
setup(  
    # other arguments here...
    entry_points={  
        'console_scripts': [  
            'foo = my_package.some_module:main_func',  
            'bar = other_module:some_func',  
        ],  
        'gui_scripts': [  
            'baz = my_package_gui:start_func',  
        ]  
    })
```

When this project is installed on non-Windows platforms (using "setup.py
"setup.py develop", or by using EasyInstall), a set of ``foo``, ``bar``, and ``baz`` scripts will be installed that import ``main_func`` and ``some_func`` from the specified modules. The functions you specify are called with no arguments, and their return value is passed to ``sys.exit()``; so you can return an errorlevel or message to print to stderr.

On Windows, a set of ``foo.exe``, ``bar.exe``, and ``baz.exe`` launchers are created, alongside a set of ``foo.py``, ``bar.py``, and ``baz.pyw`` files. The ``.exe`` wrappers find and execute the right version of Python to run the ``.py`` or ``.pyw`` file.

You may define as many "console script" and "gui script" entry points as you like, and each one can optionally specify "extras" that it depends on, that will be added to ``sys.path`` when the script is run. For more information on "extras", see the section below on 'Declaring Extras'. For more information on "entry points" in general, see the section below on 'Dynamic Discovery of Services and Plugins'.

"Eggsecutable" Scripts

Occasionally, there are situations where it's desirable to make an ``.egg`` file directly executable. You can do this by including an entry point such as the following::

```python
setup(
    # other arguments here...
    entry_points = {
        'setuptools.installation': [
            'eggsecutable = my_package.some_module:main_func',
        ]
    }
)
```

Any eggs built from the above setup script will include a short executable prelude that imports and calls ``main_func()`` from ``my_package.some_module``. The prelude can be run on Unix-like platforms (including Mac and Linux) by invoking the egg with ``/bin/sh``, or by enabling execute permissions on the ``.egg`` file. For the executable prelude to run, the appropriate version of Python must be available via the ``PATH`` environment variable, under its "long" name. That is, if the egg is built for Python 2.3, there must be a ``python2.3`` executable present in a directory on ``PATH``.

This feature is primarily intended to support ez_setup the installation of setuptools itself on non-Windows platforms, but may also be useful for other projects as well.
IMPORTANT NOTE: Eggs with an "eggsecutable" header cannot be renamed, or invoked via symlinks. They *must* be invoked using their original filename, in order to ensure that, once running, `pkg_resources` will know what project and version is in use. The header script will check this and exit with an error if the `.egg` file has been renamed or is invoked via a symlink that changes its base name.

Declaring Dependencies
======================

``setuptools`` supports automatically installing dependencies when a package is installed, and including information about dependencies in Python Eggs (so that package management tools like EasyInstall can use the information).

``setuptools`` and `pkg_resources` use a common syntax for specifying a project's required dependencies. This syntax consists of a project's PyPI name, optionally followed by a comma-separated list of "extras" in square brackets, optionally followed by a comma-separated list of version specifiers. A version specifier is one of the operators `''<```, `'''`>, `'''`<=`, `'''>`=``, `'''``` or `''!=```, followed by a version identifier. Tokens may be separated by whitespace, but any whitespace or nonstandard characters within a project name or version identifier must be replaced with `\``.

Version specifiers for a given project are internally sorted into ascending version order, and used to establish what ranges of versions are acceptable. Adjacent redundant conditions are also consolidated (e.g. `''>1, >2`` becomes `''>1```, and `''<2, <3`` becomes `''<3```). `'''!=``` versions are excised from the ranges they fall within. A project's version is then checked for membership in the resulting ranges. (Note that providing conflicting conditions for the same version (e.g. `''<2,>=2`` or `''==2,!=2``) is meaningless and may therefore produce bizarre results.)

Here are some example requirement specifiers::

```
docutils >= 0.3

# comment lines and \ continuations are allowed in requirement strings
BazSpam ==1.1, ==1.2, ==1.3, ==1.4, ==1.5, 
==1.6, ==1.7 # and so are line-end comments

PEAK[FastCGI, reST]>0.5a4

setuptools>=0.5a7
```

The simplest way to include requirement specifiers is to use the `''install_requires`` argument to `''setup()``. It takes a string or list of strings containing requirement specifiers. If you include more than one
requirement in a string, each requirement must begin on a new line.

This has three effects:

1. When your project is installed, either by using EasyInstall, `setup.py install`, or `setup.py develop`, all of the dependencies not already installed will be located (via PyPI), downloaded, built (if necessary), and installed.

2. Any scripts in your project will be installed with wrappers that verify the availability of the specified dependencies at runtime, and ensure that the correct versions are added to `sys.path` (e.g. if multiple versions have been installed).

3. Python Egg distributions will include a metadata file listing the dependencies.

Note, by the way, that if you declare your dependencies in `setup.py`, you do *not* need to use the `require()` function in your scripts or modules, as long as you either install the project or use `setup.py develop` to do development work on it. (See "Development Mode" below for more details on using `setup.py develop`).

Dependencies that aren't in PyPI
--------------------------------

If your project depends on packages that aren't registered in PyPI, you may still be able to depend on them, as long as they are available for download as:

- an egg, in the standard distutils `sdist` format,
- a single `*.py` file, or
- a VCS repository (Subversion, Mercurial, or Git).

You just need to add some URLs to the `dependency_links` argument to `setup()`:

The URLs must be either:

1. direct download URLs,
2. the URLs of web pages that contain direct download links, or
3. the repository's URL.

In general, it's better to link to web pages, because it is usually less complex to update a web page than to release a new version of your project. You can also use a SourceForge `showfiles.php` link in the case where a package you depend on is distributed via SourceForge.
If you depend on a package that's distributed as a single `.py` file, you must include an `"#egg=project-version"` suffix to the URL, to give a project name and version number. (Be sure to escape any dashes in the name or version by replacing them with underscores.) EasyInstall will recognize this suffix and automatically create a trivial `"setup.py"` to wrap the single `.py` file as an egg.

In the case of a VCS checkout, you should also append `"#egg=project-version"` in order to identify for what package that checkout should be used. You can append `"@REV"` to the URL's path (before the fragment) to specify a revision. Additionally, you can also force the VCS being used by prepending the URL with a certain prefix. Currently available are:

- `"svn+URL"` for Subversion,
- `"git+URL"` for Git, and
- `"hg+URL"` for Mercurial

A more complete example would be:

```
"vcs+proto://host/path@revision#egg=project-version"
```

Be careful with the version. It should match the one inside the project files. If you want to disregard the version, you have to omit it both in the `"requires"` and in the URL's fragment.

This will do a checkout (or a clone, in Git and Mercurial parlance) to a temporary folder and run `"setup.py bdist_egg"`.

The `"dependency_links"` option takes the form of a list of URL strings. For example, the below will cause EasyInstall to search the specified page for eggs or source distributions, if the package's dependencies aren't already installed:

```python
setup(
    ...
    dependency_links = [
        "http://peak.telecommunity.com/snapshots/
    ],
)
```

.. _Declaring Extras:

Declaring "Extras" (optional features with their own dependencies)
Sometimes a project has "recommended" dependencies, that are not required for all uses of the project. For example, a project might offer optional PDF output if ReportLab is installed, and reStructuredText support if docutils is installed. These optional features are called "extras", and setuptools allows you to define their requirements as well. In this way, other projects that require these optional features can force the additional requirements to be installed, by naming the desired extras in their ``install_requires``.

For example, let's say that Project A offers optional PDF and reST support::

```python
setup(
    name="Project-A",
    ...
    extras_require = {
        'PDF': ['ReportLab>=1.2', 'RXP'],
        'reST': ['docutils>=0.3'],
    }
)
```

As you can see, the ``extras_require`` argument takes a dictionary mapping names of "extra" features, to strings or lists of strings describing those features' requirements. These requirements will *not* be automatically installed unless another package depends on them (directly or indirectly) by including the desired "extras" in square brackets after the associated project name. (Or if the extras were listed in a requirement spec on the EasyInstall command line.)

Extras can be used by a project's `entry points` to specify dynamic dependencies. For example, if Project A includes a "rst2pdf" script, it might declare it like this, so that the "PDF" requirements are only resolved if the "rst2pdf" script is run::

```python
setup(
    name="Project-A",
    ...
    entry_points = {
        'console_scripts': [
            'rst2pdf = project_a.tools.pdfgen [PDF],
            'rst2html = project_a.tools.htmlgen',
            # more script entry points ...
        ],
    }
)
```

Projects can also use another project's extras when specifying dependencies. For example, if project B needs "project A" with PDF support installed, it might declare the dependency like this::
```python
setup(
    name="Project-B",
    install_requires = ["Project-A[PDF]"],
    ...
)
```

This will cause ReportLab to be installed along with project A, if project B is installed -- even if project A was already installed. In this way, a project can encapsulate groups of optional "downstream dependencies" under a feature name, so that packages that depend on it don't have to know what the downstream dependencies are. If a later version of Project A builds in PDF support and no longer needs ReportLab, or if it ends up needing other dependencies besides ReportLab in order to provide PDF support, Project B's setup information does not need to change, but the right packages will still be installed if needed.

Note, by the way, that if a project ends up not needing any other packages to support a feature, it should keep an empty requirements list for that feature in its `extras_require` argument, so that packages depending on that feature don't break (due to an invalid feature name). For example, if Project A above builds in PDF support and no longer needs ReportLab, it could change its setup to this:~

```python
setup(
    name="Project-A",
    ...
    extras_require = {
        'PDF': [],
        'reST': ["docutils>=0.3"],
    }
)
```

so that Package B doesn't have to remove the `"[PDF]"` from its requirement specifier.

Including Data Files

The distutils have traditionally allowed installation of "data files", which are placed in a platform-specific location. However, the most common use case for data files distributed with a package is for use *by* the package, usually by including the data files in the package directory.

Setuptools offers three ways to specify data files to be included in your packages. First, you can simply use the `"include_package_data"` keyword, e.g.~

```python
from setuptools import setup, find_packages
```
setup(
    ...
    include_package_data = True
)  

This tells setuptools to install any data files it finds in your packages. 
The data files must be specified via the distutils' `MANIFEST.in` file. 
(They can also be tracked by a revision control system, using an appropriate 
plugin. See the section below on `Adding Support for Revision Control 
Systems` for information on how to write such plugins.)

If you want finer-grained control over what files are included (for example, 
if you have documentation files in your package directories and want to exclude 
them from installation), then you can also use the `package_data` keyword, 
e.g.::

    from setuptools import setup, find_packages
    setup(
        ...
        package_data = {
            # If any package contains *.txt or *.rst files, include them:
            '*.txt', '*.rst',
            # And include any *.msg files found in the 'hello' package, too:
            'hello': '*.msg',
        }
    )

The `package_data` argument is a dictionary that maps from package names to 
lists of glob patterns. The globs may include subdirectory names, if the data 
files are contained in a subdirectory of the package. For example, if the 
package tree looks like this::

    setup.py
    src/
    mypkg/
    __init__.py
    mypkg.txt
    data/
        somefile.dat
        otherdata.dat

The setuptools setup file might look like this::

    from setuptools import setup, find_packages
    setup(
        ...
        packages = find_packages('src'), # include all packages under src
        package_dir = {'': 'src'},       # tell distutils packages are under src
    )
package_data = {
    # If any package contains *.txt files, include them:
    ": ["*.txt"],
    # And include any *.dat files found in the 'data' subdirectory
    # of the 'mypkg' package, also:
    'mypkg': ["data/*.dat"],
}
)
)

Notice that if you list patterns in `package_data` under the empty string, these patterns are used to find files in every package, even ones that also have their own patterns listed. Thus, in the above example, the `mypkg.txt` file gets included even though it's not listed in the patterns for `"mypkg"`.

Also notice that if you use paths, you *must* use a forward slash (`/`) as the path separator, even if you are on Windows. Setuptools automatically converts slashes to appropriate platform-specific separators at build time.

(Note: although the `package_data` argument was previously only available in `setuptools`, it was also added to the Python `distutils` package as of Python 2.4; there is `some documentation for the feature` available on the python.org website. If using the setuptools-specific `include_package_data` argument, files specified by `package_data` will *not* be automatically added to the manifest unless they are listed in the MANIFEST.in file.)

__ http://docs.python.org/dist/node11.html

Sometimes, the `include_package_data` or `package_data` options alone aren't sufficient to precisely define what files you want included. For example, you may want to include package README files in your revision control system and source distributions, but exclude them from being installed. So, setuptools offers an `exclude_package_data` option as well, that allows you to do things like this::

from setuptools import setup, find_packages
setup(
    ...  
    packages = find_packages('src'),  # include all packages under src
    package_dir = ('': 'src'),  # tell distutils packages are under src

    include_package_data = True,  # include everything in source control

    # ...but exclude README.txt from all packages
    exclude_package_data = ["README.txt"]
)
)

The `exclude_package_data` option is a dictionary mapping package names to
lists of wildcard patterns, just like the `package_data` option. And, just as with that option, a key of `''` will apply the given pattern(s) to all packages. However, any files that match these patterns will be *excluded* from installation, even if they were listed in `package_data` or were included as a result of using `include_package_data`.

In summary, the three options allow you to:

``include_package_data``
Accept all data files and directories matched by `MANIFEST.in`.

``package_data``
Specify additional patterns to match files and directories that may or may not be matched by `MANIFEST.in` or found in source control.

``exclude_package_data``
Specify patterns for data files and directories that should *not* be included when a package is installed, even if they would otherwise have been included due to the use of the preceding options.

NOTE: Due to the way the distutils build process works, a data file that you include in your project and then stop including may be "orphaned" in your project's build directories, requiring you to run `setup.py clean --all` to fully remove them. This may also be important for your users and contributors if they track intermediate revisions of your project using Subversion; be sure to let them know when you make changes that remove files from inclusion so they can run `setup.py clean --all`.

Accessing Data Files at Runtime
-------------------------------

Typically, existing programs manipulate a package's `__file__` attribute in order to find the location of data files. However, this manipulation isn't compatible with PEP 302-based import hooks, including importing from zip files and Python Eggs. It is strongly recommended that, if you are using data files, you should use the `Resource Management API` of `pkg_resources` to access them. The `pkg_resources` module is distributed as part of setuptools, so if you're using setuptools to distribute your package, there is no reason not to use its resource management API. See also `Accessing Package Resources` for a quick example of converting code that uses `__file__` to use `pkg_resources` instead.

.. _Resource Management API: http://peak.telecommunity.com/DevCenter/PythonEggs#resource-management
.. _Accessing Package Resources: http://peak.telecommunity.com/DevCenter/PythonEggs#accessing-package-resources
Non-Package Data Files

The "distutils" normally install general "data files" to a platform-specific location (e.g. "/usr/share"). This feature intended to be used for things like documentation, example configuration files, and the like. "setuptools" does not install these data files in a separate location, however. They are bundled inside the egg file or directory, alongside the Python modules and packages. The data files can also be accessed using the 'Resource Management API', by specifying a "Requirement" instead of a package name::

from pkg_resources import Requirement, resource_filename
filename = resource_filename(Requirement.parse("MyProject"),"sample.conf")

The above code will obtain the filename of the "sample.conf" file in the data root of the "MyProject" distribution.

Note, by the way, that this encapsulation of data files means that you can't actually install data files to some arbitrary location on a user's machine; this is a feature, not a bug. You can always include a script in your distribution that extracts and copies your the documentation or data files to a user-specified location, at their discretion. If you put related data files in a single directory, you can use "resource_filename()" with the directory name to get a filesystem directory that then can be copied with the "shutil" module. (Even if your package is installed as a zipfile, calling "resource_filename()" on a directory will return an actual filesystem directory, whose contents will be that entire subtree of your distribution.)

(Of course, if you're writing a new package, you can just as easily place your data files or directories inside one of your packages, rather than using the distutils' approach. However, if you're updating an existing application, it may be simpler not to change the way it currently specifies these data files.)

Automatic Resource Extraction

If you are using tools that expect your resources to be "real" files, or your project includes non-extension native libraries or other files that your C extensions expect to be able to access, you may need to list those files in the "eager_resources" argument to "setup()", so that the files will be extracted together, whenever a C extension in the project is imported.

This is especially important if your project includes shared libraries *other* than distutils-built C extensions, and those shared libraries use file extensions other than "~.dll", "~.so", or "~.dylib", which are the extensions that setuptools 0.6a8 and higher automatically detects as shared libraries and adds to the "native_libs.txt" file for you. Any shared
libraries whose names do not end with one of those extensions should be listed as `"eager_resources``, because they need to be present in the filesystem when the C extensions that link to them are used.

The ```pkg_resources``` runtime for compressed packages will automatically extract *all* C extensions and ```eager_resources``` at the same time, whenever *any* C extension or eager resource is requested via the ```resource_filename()``` API. (C extensions are imported using ```resource_filename()``` internally.) This ensures that C extensions will see all of the "real" files that they expect to see.

Note also that you can list directory resource names in ```eager_resources``` as well, in which case the directory's contents (including subdirectories) will be extracted whenever any C extension or eager resource is requested.

Please note that if you're not sure whether you need to use this argument, you don't! It's really intended to support projects with lots of non-Python dependencies and as a last resort for crufty projects that can't otherwise handle being compressed. If your package is pure Python, Python plus data files, or Python plus C, you really don't need this. You've got to be using either C or an external program that needs "real" files in your project before there's any possibility of ```eager_resources``` being relevant to your project.

---

Extensible Applications and Frameworks

Dynamic Discovery of Services and Plugins

``setuptools`` supports creating libraries that "plug in" to extensible applications and frameworks, by letting you register "entry points" in your project that can be imported by the application or framework.

For example, suppose that a blogging tool wants to support plugins that provide translation for various file types to the blog's output format. The framework might define an "entry point group" called ```blogtool.parsers```, and then allow plugins to register entry points for the file extensions they support.

This would allow people to create distributions that contain one or more parsers for different file types, and then the blogging tool would be able to find the parsers at runtime by looking up an entry point for the file extension (or mime type, or however it wants to).
Note that if the blogging tool includes parsers for certain file formats, it
can register these as entry points in its own setup script, which means it
doesn’t have to special-case its built-in formats. They can just be treated
the same as any other plugin’s entry points would be.

If you're creating a project that plugs in to an existing application or
framework, you'll need to know what entry points or entry point groups are
defined by that application or framework. Then, you can register entry points
in your setup script. Here are a few examples of ways you might register an
``.rst`` file parser entry point in the ``blogtool.parsers`` entry point group,
for our hypothetical blogging tool:

```python
setup(
    # ...
    entry_points = {'blogtool.parsers': '.rst = some_module:SomeClass'}
)
```

```python
setup(
    # ...
    entry_points = {'blogtool.parsers': ['.rst = some_module:a_func']}
)
```

```python
setup(
    # ...
    entry_points = ""
    [blogtool.parsers]
    .rst = some.nested.module:SomeClass.some_classmethod [reST]
    """,
    extras_require = dict(reST = "Docutils>=0.3.5")
)
```

The ``entry_points`` argument to ``setup()`` accepts either a string with
``.ini``-style sections, or a dictionary mapping entry point group names to
either strings or lists of strings containing entry point specifiers. An
entry point specifier consists of a name and value, separated by an ``=``
sign. The value consists of a dotted module name, optionally followed by a
``:`` and a dotted identifier naming an object within the module. It can
also include a bracketed list of "extras" that are required for the entry
point to be used. When the invoking application or framework requests loading
of an entry point, any requirements implied by the associated extras will be
passed to ``pkg_resources.require()``, so that an appropriate error message
can be displayed if the needed package(s) are missing. (Of course, the
invoking app or framework can ignore such errors if it wants to make an entry
point optional if a requirement isn’t installed.)

Defining Additional Metadata
----------------------------------
Some extensible applications and frameworks may need to define their own kinds of metadata to include in eggs, which they can then access using the `pkg_resources` metadata APIs. Ordinarily, this is done by having plugin developers include additional files in their `ProjectName.egg-info` directory. However, since it can be tedious to create such files by hand, you may want to create a distutils extension that will create the necessary files from arguments to `setup()`, in much the same way that `setuptools` does for many of the `setup()` arguments it adds. See the section below on `Creating distutils Extensions` for more details, especially the subsection on `Adding new EGG-INFO Files`.

"Development Mode"

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

Under normal circumstances, the `distutils` assume that you are going to build a distribution of your project, not use it in its "raw" or "unbuilt" form. If you were to use the `distutils` that way, you would have to rebuild and reinstall your project every time you made a change to it during development.

Another problem that sometimes comes up with the `distutils` is that you may need to do development on two related projects at the same time. You may need to put both projects' packages in the same directory to run them, but need to keep them separate for revision control purposes. How can you do this?

Setuptools allows you to deploy your projects for use in a common directory or staging area, but without copying any files. Thus, you can edit each project's code in its checkout directory, and only need to run build commands when you change a project's C extensions or similarly compiled files. You can even deploy a project into another project's checkout directory, if that's your preferred way of working (as opposed to using a common independent staging area or the site-packages directory).

To do this, use the `setup.py develop` command. It works very similarly to `setup.py install` or the EasyInstall tool, except that it doesn't actually install anything. Instead, it creates a special `.egg-link` file in the deployment directory, that links to your project's source code. And, if your deployment directory is Python's `site-packages` directory, it will also update the `easy-install.pth` file to include your project's source code, thereby making it available on `sys.path` for all programs using that Python installation.

If you have enabled the `use_2to3` flag, then of course the `.egg-link` will not link directly to your source code when run under Python 3, since that source code would be made for Python 2 and not work under Python 3. Instead the `setup.py develop` will build Python 3 code under the `build`
directory, and link there. This means that after doing code changes you will have to run ``setup.py build`` before these changes are picked up by your Python 3 installation.

In addition, the ``develop`` command creates wrapper scripts in the target script directory that will run your in-development scripts after ensuring that all your ``install_requires`` packages are available on ``sys.path``.

You can deploy the same project to multiple staging areas, e.g. if you have multiple projects on the same machine that are sharing the same project you're doing development work.

When you're done with a given development task, you can remove the project source from a staging area using ``setup.py develop --uninstall``, specifying the desired staging area if it's not the default.

There are several options to control the precise behavior of the ``develop`` command; see the section on the `develop` command below for more details.

Note that you can also apply setuptools commands to non-setuptools projects, using commands like this:

```
python -c "import setuptools; execfile(setup.py)" develop
```

That is, you can simply list the normal setup commands and options following the quoted part.

Distributing a ``setuptools``-based project
===========================================

Using ``setuptools``... Without bundling it!
---------------------------------------------

Your users might not have ``setuptools`` installed on their machines, or even if they do, it might not be the right version. Fixing this is easy; just download `ez_setup.py` and put it in the same directory as your ``setup.py`` script. (Be sure to add it to your revision control system, too.) Then add these two lines to the very top of your setup script, before the script imports anything from setuptools:

```
.. code-block:: python

    import ez_setup
    ez_setup.use_setuptools()
```

That's it. The ``ez_setup`` module will automatically download a matching version of ``setuptools`` from PyPI, if it isn't present on the target system.
Whenever you install an updated version of setuptools, you should also update your projects’ ``ez_setup.py`` files, so that a matching version gets installed on the target machine(s).

By the way, setuptools supports the new PyPI "upload" command, so you can use ``setup.py sdist upload`` or ``setup.py bdist_egg upload`` to upload your source or egg distributions respectively. Your project's current version must be registered with PyPI first, of course; you can use ``setup.py register`` to do that. Or you can do it all in one step, e.g. ``setup.py register sdist bdist_egg upload`` will register the package, build source and egg distributions, and then upload them both to PyPI, where they'll be easily found by other projects that depend on them.

(By the way, if you need to distribute a specific version of setuptools, you can specify the exact version and base download URL as parameters to the `use_setuptools()` function. See the function's docstring for details.)

What Your Users Should Know
---------------------------

In general, a setuptools-based project looks just like any distutils-based project -- as long as your users have an internet connection and are installing to ``site-packages``, that is. But for some users, these conditions don't apply, and they may become frustrated if this is their first encounter with a setuptools-based project. To keep these users happy, you should review the following topics in your project's installation instructions, if they are relevant to your project and your target audience isn't already familiar with setuptools and `easy_install`.

Network Access

If your project is using ``ez_setup``, you should inform users of the need to either have network access, or to preinstall the correct version of setuptools using the `EasyInstall installation instructions`_. Those instructions also have tips for dealing with firewalls as well as how to manually download and install setuptools.

Custom Installation Locations

You should inform your users that if they are installing your project to somewhere other than the main ``site-packages`` directory, they should first install setuptools using the instructions for `Custom Installation Locations`_, before installing your project.

Your Project's Dependencies

If your project depends on other projects that may need to be downloaded from PyPI or elsewhere, you should list them in your installation instructions, or tell users how to find out what they are. While most users will not need this information, any users who don't have unrestricted
internet access may have to find, download, and install the other projects manually. (Note, however, that they must still install those projects using `easy_install`, or your project will not know they are installed, and your setup script will try to download them again.)

If you want to be especially friendly to users with limited network access, you may wish to build eggs for your project and its dependencies, making them all available for download from your site, or at least create a page with links to all of the needed eggs. In this way, users with limited network access can manually download all the eggs to a single directory, then use the `--f` option of `easy_install` to specify the directory to find eggs in. Users who have full network access can just use `--f` with the URL of your download page, and `easy_install` will find all the needed eggs using your links directly. This is also useful when your target audience isn't able to compile packages (e.g. most Windows users) and your package or some of its dependencies include C code.

Revision Control System Users and Co-Developers

Users and co-developers who are tracking your in-development code using a revision control system should probably read this manual's sections regarding such development. Alternately, you may wish to create a quick-reference guide containing the tips from this manual that apply to your particular situation. For example, if you recommend that people use `setup.py develop` when tracking your in-development code, you should let them know that this needs to be run after every update or commit.

Similarly, if you remove modules or data files from your project, you should remind them to run `setup.py clean --all` and delete any obsolete `.pyc` or `.pyo`. (This tip applies to the distutils in general, not just setuptools, but not everybody knows about them; be kind to your users by spelling out your project's best practices rather than leaving them guessing.)

Creating System Packages

Some users want to manage all Python packages using a single package manager, and sometimes that package manager isn't `easy_install`! Setuptools currently supports `bdist_rpm`, `bdist_wininst`, and `bdist_dumb` formats for system packaging. If a user has a locally-installed "bdist" packaging tool that internally uses the distutils `install` command, it should be able to work with `setuptools`. Some examples of "bdist" formats that this should work with include the `bdist_nsi` and `bdist_msi` formats for Windows.

However, packaging tools that build binary distributions by running `setup.py install` on the command line or as a subprocess will require modification to work with setuptools. They should use the `--single-version-externally-managed` option to the `install` command, combined with the standard `--root` or `--record` options.
See the `install command` documentation below for more details. The `bdist_deb` command is an example of a command that currently requires this kind of patching to work with setuptools.

If you or your users have a problem building a usable system package for your project, please report the problem via the mailing list so that either the "bdist" tool in question or setuptools can be modified to resolve the issue.

Setting the `zip_safe` flag
----------------------------

For maximum performance, Python packages are best installed as zip files. Not all packages, however, are capable of running in compressed form, because they may expect to be able to access either source code or data files as normal operating system files. So, `setuptools` can install your project as a zipfile or a directory, and its default choice is determined by the project's `zip_safe` flag.

You can pass a True or False value for the `zip_safe` argument to the `setup()` function, or you can omit it. If you omit it, the `bdist_egg` command will analyze your project's contents to see if it can detect any conditions that would prevent it from working in a zipfile. It will output notices to the console about any such conditions that it finds.

Currently, this analysis is extremely conservative: it will consider the project unsafe if it contains any C extensions or datafiles whatsoever. This does not mean that the project can't or won't work as a zipfile! It just means that the `bdist_egg` authors aren't yet comfortable asserting that the project will work. If the project contains no C or data files, and does no `__file__` or `__path__` introspection or source code manipulation, then there is an extremely solid chance the project will work when installed as a zipfile. (And if the project uses `pkg_resources` for all its data file access, then C extensions and other data files shouldn't be a problem at all. See the `Accessing Data Files at Runtime` section above for more information.)

However, if `bdist_egg` can't be sure that your package will work, but you've checked over all the warnings it issued, and you are either satisfied it will work (or if you want to try it for yourself), then you should set `zip_safe` to `True` in your `setup()` call. If it turns out that it doesn't work, you can always change it to `False`, which will force `setuptools` to install your project as a directory rather than as a zipfile.

Of course, the end-user can still override either decision, if they are using EasyInstall to install your package. And, if you want to override for testing purposes, you can just run `setup.py easy_install --zip-ok .` or `setup.py easy_install --always-unzip .` in your project directory. to install the
package as a zipfile or directory, respectively.

In the future, as we gain more experience with different packages and become more satisfied with the robustness of the `pkg_resources` runtime, the "zip safety" analysis may become less conservative. However, we strongly recommend that you determine for yourself whether your project functions correctly when installed as a zipfile, correct any problems if you can, and then make an explicit declaration of `True` or `False` for the `zip_safe` flag, so that it will not be necessary for ``bdist_egg`` or ``EasyInstall`` to try to guess whether your project can work as a zipfile.

Namespace Packages

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

Sometimes, a large package is more useful if distributed as a collection of smaller eggs. However, Python does not normally allow the contents of a package to be retrieved from more than one location. "Namespace packages" are a solution for this problem. When you declare a package to be a namespace package, it means that the package has no meaningful contents in its `__init__.py`, and that it is merely a container for modules and subpackages.

The `pkg_resources` runtime will then automatically ensure that the contents of namespace packages that are spread over multiple eggs or directories are combined into a single "virtual" package.

The `namespace_packages` argument to `setup()` lets you declare your project's namespace packages, so that they will be included in your project's metadata. The argument should list the namespace packages that the egg participates in. For example, the ZopeInterface project might do this:

```python
setup(  
    # ...
    namespace_packages = ['zope']
)
```

because it contains a `zope.interface` package that lives in the `zope` namespace package. Similarly, a project for a standalone `zope.publisher` would also declare the `zope` namespace package. When these projects are installed and used, Python will see them both as part of a "virtual" `zope` package, even though they will be installed in different locations.

Namespace packages don't have to be top-level packages. For example, Zope 3's `zope.app` package is a namespace package, and in the future PEAK's `peak.util` package will be too.

Note, by the way, that your project's source tree must include the namespace packages' `__init__.py` files (and the `__init__.py` of any parent
packages), in a normal Python package layout. These `__init__.py` files *must* contain the line:

```python
__import__('pkg_resources').declare_namespace(__name__)
```

This code ensures that the namespace package machinery is operating and that the current package is registered as a namespace package.

You must NOT include any other code and data in a namespace package's `__init__.py`. Even though it may appear to work during development, or when projects are installed as `.egg` files, it will not work when the projects are installed using "system" packaging tools -- in such cases the `__init__.py` files will not be installed, let alone executed.

You must include the `declare_namespace()` line in the `__init__.py` of *every* project that has contents for the namespace package in question, in order to ensure that the namespace will be declared regardless of which project's copy of `__init__.py` is loaded first. If the first loaded `__init__.py` doesn't declare it, it will never *be* declared, because no other copies will ever be loaded!

**TRANSITIONAL NOTE**

Setuptools automatically calls `declare_namespace()` for you at runtime, but future versions may *not*. This is because the automatic declaration feature has some negative side effects, such as needing to import all namespace packages during the initialization of the `pkg_resources` runtime, and also the need for `pkg_resources` to be explicitly imported before any namespace packages work at all. In some future releases, you'll be responsible for including your own declaration lines, and the automatic declaration feature will be dropped to get rid of the negative side effects.

During the remainder of the current development cycle, therefore, setuptools will warn you about missing `declare_namespace()` calls in your `__init__.py` files, and you should correct these as soon as possible before the compatibility support is removed. Namespace packages without declaration lines will not work correctly once a user has upgraded to a later version, so it's important that you make this change now in order to avoid having your code break in the field. Our apologies for the inconvenience, and thank you for your patience.

Tagging and "Daily Build" or "Snapshot" Releases

-----------------------------------------------
When a set of related projects are under development, it may be important to track finer-grained version increments than you would normally use for e.g. "stable" releases. While stable releases might be measured in dotted numbers with alpha/beta/etc. status codes, development versions of a project often need to be tracked by revision or build number or even build date. This is especially true when projects in development need to refer to one another, and therefore may literally need an up-to-the-minute version of something!

To support these scenarios, "setuptools" allows you to "tag" your source and egg distributions by adding one or more of the following to the project's "official" version identifier:

* A manually-specified pre-release tag, such as "build" or "dev", or a manually-specified post-release tag, such as a build or revision number (``--tag-build=STRING, -bSTRING``)

* A "last-modified revision number" string generated automatically from Subversion's metadata (assuming your project is being built from a Subversion "working copy") (``--tag-svn-revision, -r``)

* An 8-character representation of the build date (``--tag-date, -d``), as a postrelease tag

You can add these tags by adding ``egg_info`` and the desired options to the command line ahead of the ``sdist`` or ``bdist`` commands that you want to generate a daily build or snapshot for. See the section below on the `egg_info` command for more details.

(Also, before you release your project, be sure to see the section above on `Specifying Your Project's Version` for more information about how pre- and post-release tags affect how setuptools and EasyInstall interpret version numbers. This is important in order to make sure that dependency processing tools will know which versions of your project are newer than others.)

Finally, if you are creating builds frequently, and either building them in a downloadable location or are copying them to a distribution server, you should probably also check out the `rotate` command, which lets you automatically delete all but the N most-recently-modified distributions matching a glob pattern. So, you can use a command line like:

```bash
setup.py egg_info -rbDEV bdist_egg rotate -m.egg -k3
```

to build an egg whose version info includes 'DEV-rNNNN' (where NNNN is the most recent Subversion revision that affected the source tree), and then delete any egg files from the distribution directory except for the three that were built most recently.

If you have to manage automated builds for multiple packages, each with
different tagging and rotation policies, you may also want to check out the `alias` command, which would let each package define an alias like `daily` that would perform the necessary tag, build, and rotate commands. Then, a simpler script or cron job could just run `setup.py daily` in each project directory. (And, you could also define sitewide or per-user default versions of the `daily` alias, so that projects that didn't define their own would use the appropriate defaults.)

Generating Source Distributions
-------------------------------
``setuptools`` enhances the distutils' default algorithm for source file selection with pluggable endpoints for looking up files to include. If you are using a revision control system, and your source distributions only need to include files that you're tracking in revision control, use a corresponding plugin instead of writing a `MANIFEST.in` file. See the section below on `Adding Support for Revision Control Systems` for information on plugins.

If you need to include automatically generated files, or files that are kept in an unsupported revision control system, you'll need to create a `MANIFEST.in` file to specify any files that the default file location algorithm doesn't catch. See the distutils documentation for more information on the format of the `MANIFEST.in` file.

But, be sure to ignore any part of the distutils documentation that deals with `MANIFEST` or how it's generated from `MANIFEST.in`; setuptools shields you from these issues and doesn't work the same way in any case. Unlike the distutils, setuptools regenerates the source distribution manifest file every time you build a source distribution, and it builds it inside the project's `.egg-info` directory, out of the way of your main project directory. You therefore need not worry about whether it is up-to-date or not.

Indeed, because setuptools' approach to determining the contents of a source distribution is so much simpler, its `sdist` command omits nearly all of the options that the distutils' more complex `sdist` process requires. For all practical purposes, you'll probably use only the `--formats` option, if you use any option at all.

Making your package available for EasyInstall
-------------------------------------------------
If you use the `register` command (`setup.py register`) to register your package with PyPI, that's most of the battle right there. (See the `docs for the register command` for more details.)

.. docs for the register command: http://docs.python.org/dist/package-index.html
If you also use the `upload` command to upload actual distributions of your package, that's even better, because EasyInstall will be able to find and download them directly from your project's PyPI page.

However, there may be reasons why you don't want to upload distributions to PyPI, and just want your existing distributions (or perhaps a Subversion checkout) to be used instead.

So here's what you need to do before running the `register` command. There are three `setup()` arguments that affect EasyInstall:

``url`` and ``download_url``
These become links on your project's PyPI page. EasyInstall will examine them to see if they link to a package ("primary links"), or whether they are HTML pages. If they're HTML pages, EasyInstall scans all HREF's on the page for primary links.

``long_description``
EasyInstall will check any URLs contained in this argument to see if they are primary links.

A URL is considered a "primary link" if it is a link to a .tar.gz, .tgz, .zip, .egg, .egg.zip, .tar.bz2, or .exe file, or if it has an ``#egg=project`` or ``#egg=project-version`` fragment identifier attached to it. EasyInstall attempts to determine a project name and optional version number from the text of a primary link *without* downloading it. When it has found all the primary links, EasyInstall will select the best match based on requested version, platform compatibility, and other criteria.

So, if your `url` or `download_url` point either directly to a downloadable source distribution, or to HTML page(s) that have direct links to such, then EasyInstall will be able to locate downloads automatically. If you want to make Subversion checkouts available, then you should create links with either ``#egg=project`` or ``#egg=project-version`` added to the URL. You should replace `project` and `version` with the values they would have in an egg filename. (Be sure to actually generate an egg and then use the initial part of the filename, rather than trying to guess what the escaped form of the project name and version number will be.)

Note that Subversion checkout links are of lower precedence than other kinds of distributions, so EasyInstall will not select a Subversion checkout for downloading unless it has a version included in the ``#egg=`` suffix, and it's a higher version than EasyInstall has seen in any other links for your project.

As a result, it's a common practice to use mark checkout URLs with a version of "dev" (i.e., ``#egg=projectname-dev``), so that users can do something like
this::

    easy_install --editable projectname==dev

in order to check out the in-development version of ``projectname``.

Managing "Continuous Releases" Using Subversion
-----------------------------------------------

If you expect your users to track in-development versions of your project via Subversion, there are a few additional steps you should take to ensure that things work smoothly with EasyInstall. First, you should add the following to your project's ``setup.cfg`` file:

.. code-block:: ini

    [egg_info]
    tag_build = .dev
    tag_svn_revision = 1

This will tell ``setuptools`` to generate package version numbers like ``1.0a1.dev-r1263``, which will be considered to be an *older* release than ``1.0a1``. Thus, when you actually release ``1.0a1``, the entire egg infrastructure (including ``setuptools``, ``pkg_resources`` and EasyInstall) will know that ``1.0a1`` supersedes any interim snapshots from Subversion, and handle upgrades accordingly.

(Note: the project version number you specify in ``setup.py`` should always be the *next* version of your software, not the last released version. Alternately, you can leave out the ``tag_build=.dev``, and always use the *last* release as a version number, so that your post-1.0 builds are labelled ``1.0-r1263``, indicating a post-1.0 patchlevel. Most projects so far, however, seem to prefer to think of their project as being a future version still under development, rather than a past version being patched. It is of course possible for a single project to have both situations, using post-release numbering on release branches, and pre-release numbering on the trunk. But you don't have to make things this complex if you don't want to.)

Commonly, projects releasing code from Subversion will include a PyPI link to their checkout URL (as described in the previous section) with an ``#egg=projectname-dev`` suffix. This allows users to request EasyInstall to download ``projectname==dev`` in order to get the latest in-development code. Note that if your project depends on such in-progress code, you may wish to specify your ``install_requires`` (or other requirements) to include ``==dev``, e.g.:

.. code-block:: python
install_requires = ["OtherProject>=0.2a1.dev-r143,==dev"]

The above example says, "I really want at least this particular development revision number, but feel free to follow and use an ""#egg=OtherProject-dev"" link if you find one". This avoids the need to have actual source or binary distribution snapshots of in-development code available, just to be able to depend on the latest and greatest a project has to offer.

A final note for Subversion development: if you are using SVN revision tags as described in this section, it's a good idea to run `setup.py develop` after each Subversion checkin or update, because your project's version number will be changing, and your script wrappers need to be updated accordingly.

Also, if the project's requirements have changed, the `develop` command will take care of fetching the updated dependencies, building changed extensions, etc. Be sure to also remind any of your users who check out your project from Subversion that they need to run `setup.py develop` after every update in order to keep their checkout completely in sync.

Making "Official" (Non-Snapshot) Releases
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

When you make an official release, creating source or binary distributions, you will need to override the tag settings from `setup.cfg`, so that you don't end up registering versions like `foobar-0.7a1.dev-r34832`. This is easy to do if you are developing on the trunk and using tags or branches for your releases - just make the change to `setup.cfg` after branching or tagging the release, so the trunk will still produce development snapshots.

Alternately, if you are not branching for releases, you can override the default version options on the command line, using something like::

    python setup.py egg_info -RDb "" sdist bdist_egg register upload

The first part of this command (`egg_info -RDb ""`) will override the configured tag information, before creating source and binary eggs, registering the project with PyPI, and uploading the files. Thus, these commands will use the plain version from your `setup.py`, without adding the Subversion revision number or build designation string.

Of course, if you will be doing this a lot, you may wish to create a personal alias for this operation, e.g.::

    python setup.py alias -u release egg_info -RDb ""

You can then use it like this:
python setup.py release sdist bdist_egg register upload

Or of course you can create more elaborate aliases that do all of the above. See the sections below on the `egg_info` and `alias` commands for more ideas.

Distributing Extensions compiled with Pyrex
-------------------------------------------

``setuptools`` includes transparent support for building Pyrex extensions, as long as you define your extensions using `setuptools.Extension`, *not* `distutils.Extension`. You must also not import anything from Pyrex in your setup script.

If you follow these rules, you can safely list `.pyx` files as the source of your `Extension` objects in the setup script. `setuptools` will detect at build time whether Pyrex is installed or not. If it is, then `setuptools` will use it. If not, then `setuptools` will silently change the `Extension` objects to refer to the `.c` counterparts of the `.pyx` files, so that the normal distutils C compilation process will occur.

Of course, for this to work, your source distributions must include the C code generated by Pyrex, as well as your original `.pyx` files. This means that you will probably want to include current `.c` files in your revision control system, rebuilding them whenever you check changes in for the `.pyx` source files. This will ensure that people tracking your project in a revision control system will be able to build it even if they don't have Pyrex installed, and that your source releases will be similarly usable with or without Pyrex.

----------------
Command Reference
----------------

.. _alias:

``alias`` - Define shortcuts for commonly used commands

Sometimes, you need to use the same commands over and over, but you can't necessarily set them as defaults. For example, if you produce both development snapshot releases and "stable" releases of a project, you may want to put the distributions in different places, or use different `egg_info` tagging options, etc. In these cases, it doesn't make sense to set the options in a distutils configuration file, because the values of the options changed based
on what you're trying to do.

Setuptools therefore allows you to define "aliases" - shortcut names for an arbitrary string of commands and options, using ```setup.py alias aliasname expansion```, where aliasname is the name of the new alias, and the remainder of the command line supplies its expansion. For example, this command defines a sitewide alias called "daily", that sets various ```egg_info``` tagging options:

```
setup.py alias --global-config daily egg_info --tag-svn-revision \
               --tag-build=development
```

Once the alias is defined, it can then be used with other setup commands, e.g.:

```
setup.py daily bdist_egg       # generate a daily-build .egg file
setup.py daily sdist          # generate a daily-build source distro
setup.py daily sdist bdist_egg # generate both
```

The above commands are interpreted as if the word ```daily``` were replaced with ```egg_info --tag-svn-revision --tag-build=development```.

Note that setuptools will expand each alias *at most once* in a given command line. This serves two purposes. First, if you accidentally create an alias loop, it will have no effect; you'll instead get an error message about an unknown command. Second, it allows you to define an alias for a command, that uses that command. For example, this (project-local) alias:

```
setup.py alias bdist_egg bdist_egg rotate -k1 -m.egg
```

redefines the ```bdist_egg``` command so that it always runs the ```rotate``` command afterwards to delete all but the newest egg file. It doesn't loop indefinitely on ```bdist_egg``` because the alias is only expanded once when used.

You can remove a defined alias with the ```--remove``` (or ```-r```) option, e.g.:

```
setup.py alias --global-config --remove daily
```

would delete the "daily" alias we defined above.

Aliases can be defined on a project-specific, per-user, or sitewide basis. The default is to define or remove a project-specific alias, but you can use any of the `configuration file options` (listed under the `saveopts` command, below) to determine which distutils configuration file an aliases will be added to (or removed from).

Note that if you omit the "expansion" argument to the ```alias``` command,
you'll get output showing that alias' current definition (and what configuration file it's defined in). If you omit the alias name as well, you'll get a listing of all current aliases along with their configuration file locations.

``bdist_egg`` - Create a Python Egg for the project

This command generates a Python Egg (``.egg`` file) for the project. Python Eggs are the preferred binary distribution format for EasyInstall, because they are cross-platform (for "pure" packages), directly importable, and contain project metadata including scripts and information about the project's dependencies. They can be simply downloaded and added to ``sys.path`` directly, or they can be placed in a directory on ``sys.path`` and then automatically discovered by the egg runtime system.

This command runs the `egg_info` command (if it hasn't already run) to update the project's metadata (``.egg-info``) directory. If you have added any extra metadata files to the ``.egg-info`` directory, those files will be included in the new egg file's metadata directory, for use by the egg runtime system or by any applications or frameworks that use that metadata.

You won't usually need to specify any special options for this command; just use ``bdist_egg`` and you're done. But there are a few options that may be occasionally useful:

``--dist-dir=DIR, -d DIR``
Set the directory where the ``.egg`` file will be placed. If you don't supply this, then the ``--dist-dir`` setting of the ``bdist`` command will be used, which is usually a directory named ``dist`` in the project directory.

``--plat-name=PLATFORM, -p PLATFORM``
Set the platform name string that will be embedded in the egg's filename (assuming the egg contains C extensions). This can be used to override the distutils default platform name with something more meaningful. Keep in mind, however, that the egg runtime system expects to see eggs with distutils platform names, so it may ignore or reject eggs with non-standard platform names. Similarly, the EasyInstall program may ignore them when searching web pages for download links. However, if you are cross-compiling or doing some other unusual things, you might find a use for this option.

``--exclude-source-files``
Don't include any modules' ``.py`` files in the egg, just compiled Python, C, and data files. (Note that this doesn't affect any ``.py`` files in the EGG-INFO directory or its subdirectories, since for example there may be
scripts with a `.py` extension which must still be retained.) We don't recommend that you use this option except for packages that are being bundled for proprietary end-user applications, or for "embedded" scenarios where space is at an absolute premium. On the other hand, if your package is going to be installed and used in compressed form, you might as well exclude the source because Python's `traceback` module doesn't currently understand how to display zipped source code anyway, or how to deal with files that are in a different place from where their code was compiled.

There are also some options you will probably never need, but which are there because they were copied from similar `bdist` commands used as an example for creating this one. They may be useful for testing and debugging, however, which is why we kept them:

```
--keep-temp, -k

Keep the contents of the `--bdist-dir` tree around after creating the `.egg` file.
```

```
--bdist-dir=DIR, -b DIR

Set the temporary directory for creating the distribution. The entire contents of this directory are zipped to create the `.egg` file, after running various installation commands to copy the package's modules, data, and extensions here.
```

```
--skip-build

Skip doing any "build" commands; just go straight to the install-and-compress phases.
```

.. _develop:

```
develop`` - Deploy the project source in "Development Mode"
=================================================================

This command allows you to deploy your project's source for use in one or more "staging areas" where it will be available for importing. This deployment is done in such a way that changes to the project source are immediately available in the staging area(s), without needing to run a build or install step after each change.

The `develop` command works by creating an `.egg-link` file (named for the project) in the given staging area. If the staging area is Python's `site-packages` directory, it also updates an `easy-install.pth` file so that the project is on `sys.path` by default for all programs run using that Python installation.

The `develop` command also installs wrapper scripts in the staging area (or a separate directory, as specified) that will ensure the project's dependencies
are available on `sys.path` before running the project's source scripts. And, it ensures that any missing project dependencies are available in the staging area, by downloading and installing them if necessary.

Last, but not least, the `develop` command invokes the `build_ext -i` command to ensure any C extensions in the project have been built and are up-to-date, and the `egg_info` command to ensure the project's metadata is updated (so that the runtime and wrappers know what the project's dependencies are). If you make any changes to the project's setup script or C extensions, you should rerun the `develop` command against all relevant staging areas to keep the project's scripts, metadata and extensions up-to-date. Most other kinds of changes to your project should not require any build operations or rerunning `develop`, but keep in mind that even minor changes to the setup script (e.g. changing an entry point definition) require you to re-run the `develop` or `test` commands to keep the distribution updated.

Here are some of the options that the `develop` command accepts. Note that they affect the project's dependencies as well as the project itself, so if you have dependencies that need to be installed and you use `--exclude-scripts` (for example), the dependencies' scripts will not be installed either! For this reason, you may want to use EasyInstall to install the project's dependencies before using the `develop` command, if you need finer control over the installation options for dependencies.

`--uninstall, -u`
Un-deploy the current project. You may use the `--install-dir` or `--d` option to designate the staging area. The created `.egg-link` file will be removed, if present and it is still pointing to the project directory. The project directory will be removed from `easy-install.pth` if the staging area is Python's `site-packages` directory.

Note that this option currently does *not* uninstall script wrappers! You must uninstall them yourself, or overwrite them by using EasyInstall to activate a different version of the package. You can also avoid installing script wrappers in the first place, if you use the `--exclude-scripts` (aka `--x`) option when you run `develop` to deploy the project.

`--multi-version, -m`
"Multi-version" mode. Specifying this option prevents `develop` from adding an `easy-install.pth` entry for the project(s) being deployed, and if an entry for any version of a project already exists, the entry will be removed upon successful deployment. In multi-version mode, no specific version of the package is available for importing, unless you use `pkg_resources.require()` to put it on `sys.path`, or you are running a wrapper script generated by `setuptools` or EasyInstall. (In which case the wrapper script calls `require()` for you.)

Note that if you install to a directory other than `site-packages`,

---
this option is automatically in effect, because ``.pth`` files can only be used in ``site-packages`` (at least in Python 2.3 and 2.4). So, if you use the ``--install-dir`` or ``-d`` option (or they are set via configuration file(s)) your project and its dependencies will be deployed in multi-version mode.

``--install-dir=DIR, -d DIR``
Set the installation directory (staging area). If this option is not directly specified on the command line or in a distutils configuration file, the distutils default installation location is used. Normally, this will be the ``site-packages`` directory, but if you are using distutils configuration files, setting things like ``prefix`` or ``install_lib``, then those settings are taken into account when computing the default staging area.

``--script-dir=DIR, -s DIR``
Set the script installation directory. If you don't supply this option (via the command line or a configuration file), but you *have* supplied an ``--install-dir`` (via command line or config file), then this option defaults to the same directory, so that the scripts will be able to find their associated package installation. Otherwise, this setting defaults to the location where the distutils would normally install scripts, taking any distutils configuration file settings into account.

``--exclude-scripts, -x``
Don't deploy script wrappers. This is useful if you don't want to disturb existing versions of the scripts in the staging area.

``--always-copy, -a``
Copy all needed distributions to the staging area, even if they are already present in another directory on ``sys.path``. By default, if a requirement can be met using a distribution that is already available in a directory on ``sys.path``, it will not be copied to the staging area.

``--egg-path=DIR``
Force the generated ``.egg-link`` file to use a specified relative path to the source directory. This can be useful in circumstances where your installation directory is being shared by code running under multiple platforms (e.g. Mac and Windows) which have different absolute locations for the code under development, but the same *relative* locations with respect to the installation directory. If you use this option when installing, you must supply the same relative path when uninstalling.

In addition to the above options, the ``develop`` command also accepts all of the same options accepted by ``easy_install``. If you've configured any ``easy_install`` settings in your ``setup.cfg`` (or other distutils config files), the ``develop`` command will use them as defaults, unless you override them in a ``[develop]`` section or on the command line.
``easy_install`` - Find and install packages
============================================
This command runs the `EasyInstall tool`
<easy_install.html>_ for you. It is exactly
equivalent to running the ``easy_install`` command. All command line arguments
following this command are consumed and not processed further by the distutils,
so this must be the last command listed on the command line. Please see
the EasyInstall documentation for the options reference and usage examples.
Normally, there is no reason to use this command via the command line, as you
can just use ``easy_install`` directly. It's only listed here so that you know
it's a distutils command, which means that you can:

* create command aliases that use it,
* create distutils extensions that invoke it as a subcommand, and
* configure options for it in your ``setup.cfg`` or other distutils config
  files.

.. _egg_info:
``egg_info`` - Create egg metadata and set build tags
==============================================
This command performs two operations: it updates a project's `.egg-info` metadata
directory (used by the `bdist_egg`, `develop`, and `test` commands), and it allows you to temporarily change a project's version string,
to support "daily builds" or "snapshot" releases. It is run automatically by
the `sdist`, `bdist_egg`, `develop`, `register`, and `test` commands
in order to update the project's metadata, but you can also specify it
explicitly in order to temporarily change the project's version string while
executing other commands. (It also generates the `.egg-info/SOURCES.txt` manifest file, which is used when you are building source distributions.)

In addition to writing the core egg metadata defined by `setuptools` and
required by `pkg_resources`, this command can be extended to write other
metadata files as well, by defining entry points in the `.egg_info.writers` group. See the section on `Adding new EGG-INFO Files`
below for more details.
Note that using additional metadata writers may require you to include a
``setup_requires`` argument to `setup()` in order to ensure that the desired
writers are available on `sys.path`.

Release Tagging Options
-----------------------
The following options can be used to modify the project's version string for all remaining commands on the setup command line. The options are processed in the order shown, so if you use more than one, the requested tags will be added in the following order:

```
--tag-build=NAME, -b NAME```
Append NAME to the project's version string. Due to the way setuptools processes "pre-release" version suffixes beginning with the letters "a" through "e" (like "alpha", "beta", and "candidate"), you will usually want to use a tag like ".build" or ".dev", as this will cause the version number to be considered *lower* than the project's default version. (If you want to make the version number *higher* than the default version, you can always leave off --tag-build and then use one or both of the following options.)

If you have a default build tag set in your ``setup.cfg``, you can suppress it on the command line using ``-b ""`` or ``--tag-build=""`` as an argument to the ``egg_info`` command.

```
--tag-svn-revision, -r``
If the current directory is a Subversion checkout (i.e. has a ``.svn`` subdirectory, this appends a string of the form "-rNNNN" to the project's version string, where NNNN is the revision number of the most recent modification to the current directory, as obtained from the `svn info` command.

If the current directory is not a Subversion checkout, the command will look for a `PKG-INFO` file instead, and try to find the revision number from that, by looking for a "-rNNNN" string at the end of the version number. (This is so that building a package from a source distribution of a Subversion snapshot will produce a binary with the correct version number.)

If there is no `PKG-INFO` file, or the version number contained therein does not end with `-r` and a number, then `-r0` is used.

```
--no-svn-revision, -R```
Don't include the Subversion revision in the version number. This option is included so you can override a default setting put in `setup.cfg`.

```
--tag-date, -d```
Add a date stamp of the form "-YYYYMMDD" (e.g. ".20050528") to the project's version number.

```
--no-date, -D```
Don't include a date stamp in the version number. This option is included so you can override a default setting in `setup.cfg`. 
(Note: Because these options modify the version number used for source and binary distributions of your project, you should first make sure that you know how the resulting version numbers will be interpreted by automated tools like EasyInstall. See the section above on “Specifying Your Project's Version” for an explanation of pre- and post-release tags, as well as tips on how to choose and verify a versioning scheme for your project.)

For advanced uses, there is one other option that can be set, to change the location of the project's `.egg-info` directory. Commands that need to find the project's source directory or metadata should get it from this setting:

Other `egg_info` Options
------------------------
``--egg-base=SOURCEDIR, -e SOURCEDIR``
Specify the directory that should contain the .egg-info directory. This should normally be the root of your project's source tree (which is not necessarily the same as your project directory; some projects use a `src` or `lib` subdirectory as the source root). You should not normally need to specify this directory, as it is normally determined from the `package_dir` argument to the `setup()` function, if any. If there is no `package_dir` set, this option defaults to the current directory.

`egg_info` Examples
-------------------
Creating a dated "nightly build" snapshot egg::

    python setup.py egg_info --tag-date --tag-build=DEV bdist_egg

Creating and uploading a release with no version tags, even if some default tags are specified in `setup.cfg`::

    python setup.py egg_info -RDb "" sdist bdist_egg register upload

(Notice that `egg_info` must always appear on the command line *before* any commands that you want the version changes to apply to.)

.. _install command:
``install`` - Run `easy_install` or old-style installation

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

The setuptools `install` command is basically a shortcut to run the
``easy_install`` command on the current project. However, for convenience in creating "system packages" of setuptools-based projects, you can also use this option:

``--single-version-externally-managed``

This boolean option tells the ``install`` command to perform an "old style" installation, with the addition of an ``.egg-info`` directory so that the installed project will still have its metadata available and operate normally. If you use this option, you *must* also specify the ``--root`` or ``--record`` options (or both), because otherwise you will have no way to identify and remove the installed files.

This option is automatically in effect when ``install`` is invoked by another distutils command, so that commands like ``bdist_wininst`` and ``bdist_rpm`` will create system packages of eggs. It is also automatically in effect if you specify the ``--root`` option.

``install_egg_info`` - Install an ``.egg-info`` directory in ``site-packages``

Setuptools runs this command as part of ``install`` operations that use the ``--single-version-externally-managed`` options. You should not invoke it directly; it is documented here for completeness and so that distutils extensions such as system package builders can make use of it. This command has only one option:

``--install-dir=DIR, -d DIR``

The parent directory where the ``.egg-info`` directory will be placed. Defaults to the same as the ``--install-dir`` option specified for the ``install_lib`` command, which is usually the system ``site-packages`` directory.

This command assumes that the ``egg_info`` command has been given valid options via the command line or ``setup.cfg``, as it will invoke the ``egg_info`` command and use its options to locate the project's source ``.egg-info`` directory.

``_rotate``

``rotate`` - Delete outdated distribution files

As you develop new versions of your project, your distribution (``dist``) directory will gradually fill up with older source and/or binary distribution files. The ``rotate`` command lets you automatically clean these up, keeping only the N most-recently modified files matching a given pattern.
``--match=PATTERNLIST, -m PATTERNLIST``
Comma-separated list of glob patterns to match. This option is *required*. The project name and ``-*`` is prepended to the supplied patterns, in order to match only distributions belonging to the current project (in case you have a shared distribution directory for multiple projects). Typically, you will use a glob pattern like ``*.zip`` or ``.egg`` to match files of the specified type. Note that each supplied pattern is treated as a distinct group of files for purposes of selecting files to delete.

``--keep=COUNT, -k COUNT``
Number of matching distributions to keep. For each group of files identified by a pattern specified with the ``--match`` option, delete all but the COUNT most-recently-modified files in that group. This option is *required*.

``--dist-dir=DIR, -d DIR``
Directory where the distributions are. This defaults to the value of the ``bdist`` command's ``--dist-dir`` option, which will usually be the project's ``dist`` subdirectory.

**Example 1**: Delete all .tar.gz files from the distribution directory, except for the 3 most recently modified ones::

``setup.py rotate --match=.tar.gz --keep=3``

**Example 2**: Delete all Python 2.3 or Python 2.4 eggs from the distribution directory, except the most recently modified one for each Python version::

``setup.py rotate --match=-py2.3*.egg,-py2.4*.egg --keep=1``

.. _saveopts:
``saveopts`` - Save used options to a configuration file
=================================================================================================================================================
Finding and editing `distutils` configuration files can be a pain, especially since you also have to translate the configuration options from command-line form to the proper configuration file format. You can avoid these hassles by using the `saveopts` command. Just add it to the command line to save the options you used. For example, this command builds the project using the `mingw32` C compiler, then saves the `--compiler` setting as the default for future builds (even those run implicitly by the `install` command)::

``setup.py build --compiler=mingw32 saveopts``

The `saveopts` command saves all options for every command specified on the
command line to the project's local `setup.cfg` file, unless you use one of
the `configuration file options` to change where the options are saved. For
example, this command does the same as above, but saves the compiler setting
to the site-wide (global) distutils configuration:

    setup.py build --compiler=mingw32 saveopts -g

Note that it doesn't matter where you place the `saveopts` command on the
command line; it will still save all the options specified for all commands.
For example, this is another valid way to spell the last example:

    setup.py saveopts -g build --compiler=mingw32

Note, however, that all of the commands specified are always run, regardless of
where `saveopts` is placed on the command line.

Configuration File Options
--------------------------

Normally, settings such as options and aliases are saved to the project's
local `setup.cfg` file. But you can override this and save them to the
global or per-user configuration files, or to a manually-specified filename.

``--global-config, -g``
Save settings to the global `distutils.cfg` file inside the `distutils`
package directory. You must have write access to that directory to use
this option. You also can't combine this option with `--u` or `--f`.

``--user-config, -u``
Save settings to the current user's `~/.pydistutils.cfg` (POSIX) or
``$HOME/pydistutils.cfg`` (Windows) file. You can't combine this option
with `--g` or `--f`.

``--filename=FILENAME, -f FILENAME``
Save settings to the specified configuration file to use. You can't
combine this option with `--g` or `--u`. Note that if you specify a
non-standard filename, the `distutils` and `setuptools` will not
use the file's contents. This option is mainly included for use in
testing.

These options are used by other `setuptools` commands that modify
configuration files, such as the `alias` and `setopt` commands.

.. _setopt:
``setopt`` - Set a distutils or setuptools option in a config file
This command is mainly for use by scripts, but it can also be used as a quick and dirty way to change a distutils configuration option without having to remember what file the options are in and then open an editor.

**Example 1**. Set the default C compiler to `\`mingw32\`\` (using long option names):

```
setup.py setopt --command=build --option=compiler --set-value=mingw32
```

**Example 2**. Remove any setting for the distutils default package installation directory (short option names):

```
setup.py setopt -c install -o install_lib -r
```

Options for the `\`setopt\`` command:

```
`--command=COMMAND, -c COMMAND``
Command to set the option for. This option is required.

```
`--option=OPTION, -o OPTION``
The name of the option to set. This option is required.

```
`--set-value=VALUE, -s VALUE``
The value to set the option to. Not needed if `--remove` or `--remove` is set.

```
`--remove, -r``
Remove (unset) the option, instead of setting it.

In addition to the above options, you may use any of the `configuration file options` (listed under the `saveopts` command, above) to determine which distutils configuration file the option will be added to (or removed from).

.. _test:

```
`test` - Build package and run a unittest suite
```

When doing test-driven development, or running automated builds that need testing before they are deployed for downloading or use, it's often useful to be able to run a project's unit tests without actually deploying the project anywhere, even using the `develop` command. The `test` command runs a project's unit tests without actually deploying it, by temporarily putting the project's source on `sys.path`, after first running `build_ext -i` and
``egg_info`` to ensure that any C extensions and project metadata are up-to-date.

To use this command, your project's tests must be wrapped in a `unittest` test suite by either a function, a `TestCase` class or method, or a module or package containing `TestCase` classes. If the named suite is a module, and the module has an `additional_tests()` function, it is called and the result (which must be a `unittest.TestSuite`) is added to the tests to be run. If the named suite is a package, any submodules and subpackages are recursively added to the overall test suite. (Note: if your project specifies a `test_loader`, the rules for processing the chosen `test_suite` may differ; see the `test_loader` documentation for more details.)

Note that many test systems including `doctest` support wrapping their non-`unittest` tests in `TestSuite` objects. So, if you are using a test package that does not support this, we suggest you encourage its developers to implement test suite support, as this is a convenient and standard way to aggregate a collection of tests to be run under a common test harness.

By default, tests will be run in the "verbose" mode of the `unittest` package's text test runner, but you can get the "quiet" mode (just dots) if you supply the ``-q`` or ``--quiet`` option, either as a global option to the setup script (e.g. ``setup.py -q test``) or as an option for the ``test`` command itself (e.g. ``setup.py test -q``). There is one other option available:

``--test-suite=NAME, -s NAME``

Specify the test suite (or module, class, or method) to be run (e.g. ``some_module.test_suite``). The default for this option can be set by giving a ``test_suite`` argument to the ``setup()`` function, e.g.:

```python
setup(
    # ...
    test_suite = "my_package.tests.test_all"
)
```

If you did not set a ``test_suite`` in your ``setup()`` call, and do not provide a ``--test-suite`` option, an error will occur.

``upload`` - Upload source and/or egg distributions to PyPI

``upload`` is implemented and documented at <https://docs.python.org/3.1/distutils/uploading.html>.

The `upload` command is implemented and documented at <https://docs.python.org/3.1/distutils/uploading.html>.

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Setuptools augments the `upload` command with support for `keyring <https://pypi.python.org/pypi/keyring>`_, allowing the password to be stored in a secure location and not in plaintext in the .pypirc file. To use keyring, first install keyring and set the password for the relevant repository, e.g.::

    python -m keyring set <repository> <username>
    Password for '<username>' in '<repository>': ********

Then, in .pypirc, set the repository configuration as normal, but omit the password. Thereafter, uploads will use the password from the keyring.

New in 20.1: Added keyring support.

.. _upload_docs:

``upload_docs`` - Upload package documentation to PyPI

PyPI now supports uploading project documentation to the dedicated URL https://pythonhosted.org/<project>/.

The `upload_docs` command will create the necessary zip file out of a documentation directory and will post to the repository.

Note that to upload the documentation of a project, the corresponding version must already be registered with PyPI, using the distutils `register` command -- just like the `upload` command.

Assuming there is an ``Example`` project with documentation in the subdirectory ``docs``, e.g.::

    Example/
    |-- example.py
    |-- setup.cfg
    |-- setup.py
    |-- docs
    |  |-- build
    |  |  |-- html
    |  |  |-- index.html
    |  |  |-- tips_tricks.html
    |  |-- conf.py
    |  |-- index.txt
    |  `-- tips_tricks.txt
You can simply pass the documentation directory path to the ```upload_docs``` command:

```python
python setup.py upload_docs --upload-dir=docs/build/html
```

If no ```--upload-dir``` is given, ```upload_docs``` will attempt to run the ```build_sphinx``` command to generate uploadable documentation.

For the command to become available, `Sphinx <http://sphinx.pocoo.org/>`_ must be installed in the same environment as distribute.

As with other ```setuptools```-based commands, you can define useful defaults in the ```setup.cfg``` of your Python project, e.g.:

```ini
[upload_docs]
upload-dir = docs/build/html
```

The ```upload_docs``` command has the following options:

```--upload-dir```
The directory to be uploaded to the repository.

```--show-response```
Display the full response text from server; this is useful for debugging PyPI problems.

```--repository=URL, -r URL```
The URL of the repository to upload to. Defaults to https://pypi.python.org/pypi (i.e., the main PyPI installation).

--------------------------
Extending and Reusing Setuptools
--------------------------

Creating ```distutils``` Extensions

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

It can be hard to add new commands or setup arguments to the distutils. But the ```setuptools``` package makes it a bit easier, by allowing you to distribute a distutils extension as a separate project, and then have projects that need the extension just refer to it in their ```setup_requires``` argument.

With ```setuptools```, your distutils extension projects can hook in new commands and ```setup()``` arguments just by defining "entry points". These are mappings from command or argument names to a specification of where to import a handler from. (See the section on `Dynamic Discovery of Services and...`
Adding Commands
---------------

You can add new `setup` commands by defining entry points in the `distutils.commands` group. For example, if you wanted to add a `foo` command, you might add something like this to your distutils extension project's setup script:

```python
setup(
    # ...
    entry_points = {
        "distutils.commands": [
            "foo = mypackage.some_module:foo",
        ],
    },
)
```

(Assuming, of course, that the `foo` class in `mypackage.some_module` is a `setuptools.Command` subclass.)

Once a project containing such entry points has been activated on `sys.path`, (e.g. by running "install" or "develop" with a site-packages installation directory) the command(s) will be available to any `setuptools`-based setup scripts. It is not necessary to use the `--command-packages` option or to monkeypatch the `distutils.command` package to install your commands; `setuptools` automatically adds a wrapper to the distutils to search for entry points in the active distributions on `sys.path`. In fact, this is how setuptools' own commands are installed: the setuptools project's setup script defines entry points for them!

Adding `setup()` Arguments
---------------------------

Sometimes, your commands may need additional arguments to the `setup()` call. You can enable this by defining entry points in the `distutils.setup_keywords` group. For example, if you wanted a `setup()` argument called `bar_baz`, you might add something like this to your distutils extension project's setup script:

```python
setup(
    # ...
    entry_points = {
        "distutils.commands": [
            "foo = mypackage.some_module:foo",
        ],
    },
)
```
The idea here is that the entry point defines a function that will be called to validate the `setup()` argument, if it's supplied. The `Distribution` object will have the initial value of the attribute set to `None`, and the validation function will only be called if the `setup()` call sets it to a non-None value. Here's an example validation function:

```python
def assert_bool(dist, attr, value):
    """Verify that value is True, False, 0, or 1""
    if bool(value) != value:
        raise DistutilsSetupError(
            "%r must be a boolean value (got %r)" % (attr, value)
        )
```

Your function should accept three arguments: the `Distribution` object, the attribute name, and the attribute value. It should raise a `DistutilsSetupError` (from the `distutils.errors` module) if the argument is invalid. Remember, your function will only be called with non-None values, and the default value of arguments defined this way is always None. So, your commands should always be prepared for the possibility that the attribute will be `None` when they access it later.

If more than one active distribution defines an entry point for the same `setup()` argument, *all* of them will be called. This allows multiple distutils extensions to define a common argument, as long as they agree on what values of that argument are valid.

Also note that as with commands, it is not necessary to subclass or monkeypatch the distutils `Distribution` class in order to add your arguments; it is sufficient to define the entry points in your extension, as long as any setup script using your extension lists your project in its `setup_requires` argument.

Adding new EGG-INFO Files
-------------------------

Some extensible applications or frameworks may want to allow third parties to develop plugins with application or framework-specific metadata included in the plugins' EGG-INFO directory, for easy access via the `pkg_resources` metadata API. The easiest way to allow this is to create a distutils extension to be used from the plugin projects' setup scripts (via `setup_requires`)
that defines a new setup keyword, and then uses that data to write an EGG-INFO file when the ``egg_info`` command is run.

The ``egg_info`` command looks for extension points in an ``egg_info.writers`` group, and calls them to write the files. Here's a simple example of a distutils extension defining a setup argument ``foo_bar``, which is a list of lines that will be written to ``foo_bar.txt`` in the EGG-INFO directory of any project that uses the argument::

```python
setup(
    # ...
    entry_points = {
        "distutils.setup_keywords": [ 
            "foo_bar = setuptools.dist:assert_string_list",
        ],
        "egg_info.writers": [ 
            "foo_bar.txt = setuptools.command.egg_info:write_arg",
        ],
    },
)
```

This simple example makes use of two utility functions defined by setuptools for its own use: a routine to validate that a setup keyword is a sequence of strings, and another one that looks up a setup argument and writes it to a file. Here's what the writer utility looks like::

```python
def write_arg(cmd, basename, filename):
    argname = os.path.splitext(basename)[0]
    value = getattr(cmd.distribution, argname, None)
    if value is not None:
        value = '
'.join(value)+'
    cmd.write_or_delete_file(argname, filename, value)
```

As you can see, ``egg_info.writers`` entry points must be a function taking three arguments: a ``egg_info`` command instance, the basename of the file to write (e.g. ``foo_bar.txt``), and the actual full filename that should be written to.

In general, writer functions should honor the command object's ``dry_run`` setting when writing files, and use the ``distutils.log`` object to do any console output. The easiest way to conform to this requirement is to use the ``cmd`` object's ``write_file()`` and ``delete_file()`` methods exclusively for your file operations. See those methods' docstrings for more details.

---

Adding Support for Revision Control Systems

--------------------------------------------------
If the files you want to include in the source distribution are tracked using Git, Mercurial or SVN, you can use the following packages to achieve that:

- Git and Mercurial: `setuptools_scm <https://pypi.python.org/pypi/setuptools_scm>`_
- SVN: `setuptools_svn <https://pypi.python.org/pypi/setuptools_svn>`_

If you would like to create a plugin for ``setuptools`` to find files tracked by another revision control system, you can do so by adding an entry point to the ``setuptools.file_finders`` group. The entry point should be a function accepting a single directory name, and should yield all the filenames within that directory (and any subdirectories thereof) that are under revision control.

For example, if you were going to create a plugin for a revision control system called "foobar", you would write a function something like this:

.. code-block:: python

    def find_files_for_foobar(dirname):
        # loop to yield paths that start with `dirname`

And you would register it in a setup script using something like this:

    entry_points = {
        "setuptools.file_finders": [  
            "foobar = my_foobar_module:find_files_for_foobar"
        ]
    }

Then, anyone who wants to use your plugin can simply install it, and their local setuptools installation will be able to find the necessary files.

It is not necessary to distribute source control plugins with projects that simply use the other source control system, or to specify the plugins in ``setup_requires``. When you create a source distribution with the ``sdist`` command, setuptools automatically records what files were found in the SOURCES.txt file. That way, recipients of source distributions don't need to have revision control at all. However, if someone is working on a package by checking out with that system, they will need the same plugin(s) that the original author is using.

A few important points for writing revision control file finders:

* Your finder function MUST return relative paths, created by appending to the passed-in directory name. Absolute paths are NOT allowed, nor are relative paths that reference a parent directory of the passed-in directory.
* Your finder function MUST accept an empty string as the directory name, meaning the current directory. You MUST NOT convert this to a dot; just yield relative paths. So, yielding a subdirectory named `some/dir` under the current directory should NOT be rendered as `.some/dir` or `/somewhere/some/dir`, but *always* as simply `some/dir`.

* Your finder function SHOULD NOT raise any errors, and SHOULD deal gracefully with the absence of needed programs (i.e., ones belonging to the revision control system itself. It *may*, however, use `distutils.log.warn()` to inform the user of the missing program(s).

Subclassing `Command`
-----------------------

Sorry, this section isn't written yet, and neither is a lot of what's below this point.

XXX

Reusing `setuptools` Code
==========================

`ez_setup`
--------

XXX

`setuptools.archive_util`
------------------------

XXX

`setuptools.sandbox`
---------------------

XXX

`setuptools.package_index`
--------------------------

XXX
Mailing List and Bug Tracker
=====================================

Please use the `distutils-sig mailing list`_ for questions and discussion about setuptools, and the `setuptools bug tracker`_ ONLY for issues you have confirmed via the list are actual bugs, and which you have reduced to a minimal set of steps to reproduce.

.. _distutils-sig mailing list: http://mail.python.org/pipermail/distutils-sig/
.. _setuptools bug tracker: https://github.com/pypa/setuptools/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/docs/setuptools.txt
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/setuptools.egg-info/PKG-INFO
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/PKG-INFO
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* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/pyparsing.py
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* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/_structures.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/specifiers.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/requirements.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/__init__.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/utils.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/markers.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/version.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/__compat.py
* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/pkg_resources/_vendor/packaging/__about__.py

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* /opt/ws_local/PERMITS_SQL/1030464619_1591381526.45/0/python-setuptools-20-7-0-orig-tar-gz/setuptools-20.7.0/setup.py

1.558 simpleclient-common 0.0.21

1.559 openssh 7.2p2 4ubuntu2.8

1.559.1 Available under license:
/*$OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */

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*/

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

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

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

typedef unsigned int nfds_t;

#define POLLIN0x0001
#define POLLOUT0x0004
#define POLLERR0x0008
#define POLLHUP0x0010
#define POLLNVAL0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI0x0002
#define POLLRDNORM0x0040
#define POLLNORMPOLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND0x0080
#define POLLWRBAND0x0100
#endif
#define INFTIM (-1) /* not standard */

```c
int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
```

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

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif

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*
*/

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H
#endif

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

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

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

1.560 zlib 1.2.3.4.dfsg-3ubuntu4
1.560.1 Available under license :
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1.561 tcp-dump 4.9.3-0ubuntu0.16.04.1
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1.562 gophercloud 1.1.5

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" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
" *
" Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.5
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*/opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/pathnames.h
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Lambda
Lambda @(#$bitstring.35.1 (Berkeley) 12/13/89
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*
*@(#)bitstring.h	5.2 (Berkeley) 4/4/90
*/

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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:
machine all
```
su and say:
machine 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
criontab -u news -r /usr/lib/news/crontab.src
criontab -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
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.

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* /opt/ws_local/PERMITS_SQL/1073947185_1595526143.99/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/INSTALL

1.567 okio 1.13.0

1.568 jackson-datatype-jsr310 2.9.7
1.568.1 Available under license :
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1.569 dropwizard-lifecycle 1.0.0

1.570 musl 1.1.19-r10

1.571 cpp 5.4.0 6ubuntu1~16.04.12
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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__

Jan 21, 2002
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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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

#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

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

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

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

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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

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

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Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

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<table>
<thead>
<tr>
<th>Program</th>
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<td>mach_override</td>
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<td>lib/interception/mach_override</td>
</tr>
<tr>
<td>Jan 21, 2002</td>
<td></td>
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</tbody>
</table>

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

#ifndef __java_security_Permission__
#define __java_security_Permission__

#pragma interface

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

class PermissionCollection;
}
}
}

class java::security::Permission : public java::lang::Object
{
public:

Permission(::java::lang::String *);
virtual void checkGuard(::java::lang::Object *);
virtual jboolean implies(::java::security::Permission *) = 0;
virtual jboolean equals(::java::lang::Object *) = 0;
virtual jint hashCode() = 0;
}
virtual ::java::lang::String * getName();
virtual ::java::lang::String * getActions() = 0;
virtual ::java::security::PermissionCollection * newPermissionCollection();
virtual ::java::lang::String * toString();
private:
    static const jlong serialVersionUID = -563657022231596674LL;
::java::lang::String *__attribute__((aligned(__alignof__(::java::lang::Object)))) name;
public:
    static ::java::lang::Class class$;
};

#endif // __java_security_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 Dossler 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.ssdl.cs2.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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    .el\{|\n        .   ds -- \}%{\n        .    ds PI \%p
        .    ds L\' "
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    .ie \{|\n        .   ds Aq \{|aq
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    .el
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    .ie \nF \{|\n    .   de IX
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IX Subsection "TERMS AND CONDITIONS"

IP "0. Definitions."

IX Item "0. Definitions."

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IP "17. Interpretation of Sections 15 and 16." 4

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#ifndef __java_security_acl_Permission__
#define __java_security_acl_Permission__

#pragma interface

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

class java::security::acl::Permission : public ::java::lang::Object
{

public:
virtual jboolean equals(::java::lang::Object *) = 0;
virtual ::java::lang::String * toString() = 0;
static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__
@ignore
@c Set file name and title for man page.
@setfilename gfdl
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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/* Definitions for BSD assembler syntax for Intel 386 
   (actually AT&T syntax for insns and operands, 
   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 	.byte	
#define ASM_SHORT 	.word	
#define ASM_LONG 	.long	
#define ASM_QUAD 	.quad	 /* 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, ".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)))

#ifndef 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. */
```c
#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
```

```java
ConstantValue(WQ~nameLjava/lang/String;<init>(Ljava/lang/String;)VCode
()VLineNumberTableLocalVariableTablethisLjava/security/Permission;
checkGuard(Ljava/lang/Object;)V
java/lang/System"#getSecurityManager()Ljava/lang/SecurityManager;
%&java/lang/SecurityManager()checkPermission(Ljava/security/Permission;VOBJjava/lang/Object;smLjava/lang/
SecurityManager;implies(Ljava/security/Permission;ZEQUALS(Ljava/lang/Object;)ZhashCode()IgetName(Ljava/lang/
String;
getActionsnewPermissionCollection&()Ljava/security/PermissionCollection;toString;gnu/java/lang/CPStringBuilder;
:->?@append"(C)Lgnu/java/lang/CPStringBuilder;
BCDgetClass(Ljava/lang/Class;
FPHGjava/lang/Class45
:J?K3(Ljava/lang/String;Lgnu/java/lang/CPStringBuilder;
H
N65P
RTSjava/lang/String01
:V95stringLgnu/java/lang/CPStringBuilder;
SourceFilePermission.java!
F
**+]^[XM,,*Snop
q *+
.-/012345/*6578,95S.Y<+L+(=L+*AEIL+ =L+*LIL*MOQ+ =L+*MIL+)=L+U*
"+7>GNSKWXZY
```
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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>" + tags[i].text() + "</dt>");
            }
        result.append("</dl>");
        return result.toString();
    }
    else {
        return null;
    }
}
.. _gnu_fdl:

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```java
java/security/acl/Permission
java/lang/Object
equals(Ljava/lang/Object;)Z
toString()Ljava/lang/String;
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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.tools.doclets.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */

public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";

    public void generateTag(TagletContext context, Tag tag, String name, String value) {
        // Generate copyright information here
    }
}

// Other code goes here...
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() + "</dt>\n" + tags[i].text() + "</i></dl>"
        }
    }
    result.append("</dl>");
    return result.toString();
} else {
    return null;
}
/* 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
private static final long serialVersionUID = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

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

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

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

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

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

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

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 *
 * @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());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

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

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Version 3.1, 31 March 2009

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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 = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 * @serial the name of the permission
 */
private String name;

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

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

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

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

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

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For more information see the README file in the examples directory.

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#
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#
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#
#    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',
            'ltversion.m4',
            'lt~obsolete.m4',
            'missing',
            'mkdep',
            'mkinstalldirs',
            'move-if-change',
            'shlibpath.m4',
            'symlink-tree',
        )
def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile(r'^t$')
    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True

    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]\([0-9.,\s]+and\s+\)*[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\n' +  # [Cc]opyright
        '\[Cc\]opyright\s+\[Cc\]\)
        '\[Cc\]opyright\s+\%
' +  # [Cc]opyright
        '\[Cc\]opyright\s+\&copy;
' +  # [Cc]opyright
        '\[Cc\]opyright\s+\[Cc\]\)
        '|copyright = u''
        '|@set\s+copyright\[w-]+')

    # 2: the years. Include the whitespace in the year, so that
    # we can remove any excess.
    '\s*\(\? + ranges + ".\)?
    '|@value\{[^{}]*\}\s*\)

    # 3: 'by ', if used
    '|(by\s+\?)'

    # 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'( + name + '(?:\s?' + name + '+')*)?)'

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile('copyright.*[0-9][0-9]',
    re.IGNORECASE)
self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')
self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

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

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

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

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (' ')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

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

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

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

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

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

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

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

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

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

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

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

intro = match.group (1)
if intro.startswith ('@set'):
    # Texinfo year variables should always be on one line
    after_years = line[match.end (2):].strip()
    if after_years != '':
        self.errors.report (pathname,
                            'trailing characters in @set: ' + after_years)
        return (False, orig_line, next_line)
else:
    # If it looks like the copyright is incomplete, add the next line.
    while not self.is_complete (match):
        try:
            next_line = file.next()
        except StopIteration:
            break
        # If the next line doesn’t look like a proper continuation,
        # assume that what we’ve got is complete.
        continuation = self.strip_continuation (next_line)
        if not self.continuation_re.match (continuation):
            break
        # Merge the lines for matching purposes.
        orig_line += next_line
        line = line.rstrip() + ' ' + continuation
        next_line = None
    # Rematch with the longer line, at the original position.
    match = self.copyright_re.match (line, match.start())
    assert match
    holder = match.group (4)

    # Use the filter to test cases where markup is getting in the way.
    if filter.by_package_author (dir, filename):
        assert holder not in self.holders
    elif not holder:
        self.errors.report (pathname, 'missing copyright holder')
        return (False, orig_line, next_line)
    elif holder not in self.holders:
        self.errors.report (pathname,
                            'unrecognised copyright holder: ' + holder)
        return (False, orig_line, next_line)
else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

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

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

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

    line = (line[:match.start (2)]
            + ('' if intro.startswith ('copyright = ') else ' ')
            + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)'
    elif intro.endswith ('(c)'):
        intro = intro[:-3] + '(C)'
    line = line[:match.start (1)] + intro + line[match.end (1):]

    # Strip trailing whitespace
    line = line.rstrip() + '
'

    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:
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):
                pass
    return
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 + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

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


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

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

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

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

        self.skip_files |= set (
            # Not part of GCC
            'math-68881.h',
        )

        self.skip_dirs |= set (
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        )

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

            # Automatically-generated.
            '.pot',
        )

        self.fossilised_files |= set (
            # Old news won't be updated.
            'ONEWS',
        )

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

        self.skip_extensions |= set (
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        )
def skip_file (self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn’t updated.
    if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
        return True
    return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_extensions |= set (
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        )

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_dirs |= set (
            # Imported from GLIBC.
            'soft-fp',
        )

class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_dirs |= set (
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

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

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

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

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

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

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

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

            # The testsuite data files shouldn't be changed.
            'data',

            # Contains imported images
            'images',
        ])

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

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

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

        canon_fsf = 'Free Software Foundation, Inc.'
self.add_package_author ('Free Software Foundation', canon_fsf)
self.add_package_author ('Free Software Foundation.', canon_fsf)
self.add_package_author ('Free Software Foundation Inc.', canon_fsf)
self.add_package_author ('Free Software Foundation, Inc', canon_fsf)
self.add_package_author ('Free Software Foundation, Inc.', canon_fsf)
self.add_package_author ('The Free Software Foundation', canon_fsf)
self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
self.add_package_author ('Software Foundation, Inc.', canon_fsf)

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

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

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnattools')
self.add_dir('include')
self.add_dir('libada')
self.add_dir('libatomic')
self.add_dir('libbacktrace')
self.add_dir('libcpp', LibCppFilter())
self.add_dir('libdeccnumber')
# 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('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = ['gcc',
                     'libada',
                     'libatomic',
                     'libbacktrace',
                     'libcpp',
                     'libdeccnumber',
                     'libgcc',
                     'libgfortran',
                     'libgomp',
                     'libibitm',
                     'libmudflap',
                     'libobjc',
                     'libstdc++-v3',
                     ]

GCCCmdLine().main()

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  xml:id="appendix.gfdl-1.3">  
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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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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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That's all there is to it!
/* Definitions for BSD assembler syntax for Intel 386
 (actually AT&T syntax for insns and operands,
 adapted to BSD conventions for symbol names and debugging.)
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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 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

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

#ifndef __java_security_Permission__
#define __java_security_Permission__

#pragma interface

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

class java::security::Permission : public java::lang::Object
{

public:
    Permission(::java::lang::String *);
}
virtual void checkGuard(::java::lang::Object *);
virtual jboolean implies(::java::security::Permission *) = 0;
virtual jboolean equals(::java::lang::Object *) = 0;
virtual jint hashCode() = 0;
virtual ::java::lang::String * getName();
virtual ::java::lang::String * getActions() = 0;
virtual ::java::security::PermissionCollection * newPermissionCollection();
virtual ::java::lang::String * toString();
private:
static const jlong serialVersionUID = -563657022231596674LL;
::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
static ::java::lang::Class class$;
};
#endif // __java_security_Permission__

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@end appendixsubsec

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@end enumerate

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#ifndef __java_security_acl_Permission__
define __java_security_acl_Permission__

#pragma interface

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

}
}
}
}

class java::security::acl::Permission : public ::java::lang::Object
{

public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
    static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

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

#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

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

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

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

    AudioSecurityManager$Permission(::java::lang::String *, jint);

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

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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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 (doser@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.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 (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 Local Variables:
@c ispell-local-pdict: "ispell-dict"
@c End:

@c man end
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#ifndef __java_security_acl_Permission__
#define __java_security_acl_Permission__

#include "<java/security/acl/Permission.h>"
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
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 Jansen (jansen@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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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 = -563657022231596674LL;
    ::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
    static ::java::lang::Class class$;
};
#endif // __java_security_Permission__

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package gnu.classpath.tools.taglets;
import java.util.Map;
import com.sun.tools.doclets.Taglet;
import com.sun.javado.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);
}

class CopyrightTaglet {
    private String text = 

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

    public String toString(Tag[] tags) {
        if (tags.length == 0) {
            return null;
        } else {
            boolean haveValidTag = false;
            for (int i = 0; i < tags.length && !haveValidTag; ++i) {
                if (tags[i].text().length() > 0) {
                    haveValidTag = true;
                }
            }
            if (haveValidTag) {
                StringBuffer result = new StringBuffer();
                result.append("<dl>");
                for (int i = 0; i < tags.length; i++) {
                    if (tags[i].text().length() > 0) {
                        result.append("<dt><i>Copyright &#169; " + tags[i].text() + "</i></dt>\n"");
                    }
                result.append("</dl>\n");
                return result.toString();
            } else {
                return null;
            }
        }
    }
}

#!/usr/bin/python
#
# Copyright (C) 2013 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 report(self, filename, string):
    if filename:
        string = filename + ':' + string
    sys.stderr.write(string + '\n')
    self.num_errors += 1
def ok(self):
    return self.num_errors == 0

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

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            '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',
            'ltm_options.m4',
            'ltm_tool.m4',
            'ltversion.m4',
            'lt~obsolete.m4',
            'lt~obsolete.m4',
            'missing',
            'mkdep',
            'mkinstalldirs',
            'move-if-change',
            'shlibpath.m4',
            'symlink-tree',
            'y1wrap',

            # Skip FSF mission statement, etc.
            'gnu.texi',
            'funding.texi',
            'appendix_free.xml',
        '])
# Skip imported texinfo files.
	'texinfo.tex',
]

def get_line_filter (self, dir, filename):
	if filename.startswith ('ChangeLog'):
		# Ignore references to copyright in changelog entries.
		return re.compile ('\t')

return None

def skip_file (self, dir, filename):
	if filename in self.skip_files:
		return True

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

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

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

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

	return False

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

def is_fossilised_file (self, dir, filename):
	if filename in self.fossilised_files:
		return True

	# 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]\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 + '|\s+' + 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\u'  # [@set\s+copyright['\s+\-]'  # ')  # 2: the years. Include the whitespace in the year, so that
            # we can remove any excess.
            '\s*(:\? + ranges + :)?'  # '@value\{[^{}]*\}\s*'

            # # 3: 'by ', if used
            # by\s*')?'  # # 4: the copyright holder. Don't allow multiple consecutive
            # spaces, so that right-margin gloss doesn't get caught
            # (e.g. gnat_ugn.texi).
            # '\( + name + '\(\s*? + name + '\)\)')?  # # A regexp for notices that might have slipped by. Just matching
            # 'copyright' is too noisy, and 'copyright.[0-9]' falls foul of

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

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

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

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

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

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (' ')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

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

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

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

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

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

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

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

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

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

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

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

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

    intro = match.group (1)
    if intro.startswith('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
if after_years != ":":
    self.errors.report (pathname,
        'trailing characters in @set: ' + after_years)
    return (False, orig_line, next_line)
else:
    # If it looks like the copyright is incomplete, add the next line.
    while not self.is_complete (match):
        try:
            next_line = file.next()
        except StopIteration:
            break
    # If the next line doesn't look like a proper continuation,
    # assume that what we've got is complete.
    continuation = self.strip_continuation (next_line)
    if not self.continuation_re.match (continuation):
        break
    # Merge the lines for matching purposes.
    orig_line += next_line
    line = line.rstrip() + ' ' + continuation
    next_line = None
    # Rematch with the longer line, at the original position.
    match = self.copyright_re.match (line, match.start())
    assert match
    holder = match.group (4)

    # Use the filter to test cases where markup is getting in the way.
    if filter.by_package_author (dir, filename):
        assert holder not in self.holders
    elif not holder:
        self.errors.report (pathname, 'missing copyright holder')
        return (False, orig_line, next_line)
    elif holder not in self.holders:
        self.errors.report (pathname, 'unrecognised copyright holder: ' + holder)
        return (False, orig_line, next_line)
    else:
        # See whether the copyright is associated with the package
        # author.
        canon_form = self.holders[holder]
        if not canon_form:
return (False, orig_line, next_line)

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

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

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

line = (line[:match.start (2)]
    + ('' if intro.startswith ('copyright = ') else ' ')
    + canon_form + self.separator
    + line[match.end (2):])

# Use the standard (C) form.
if intro.endswith ('right'):
    intro += ' (C)
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '
'

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

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

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

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

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

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

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

class GCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
    self.skip_files |= set ([
# Not part of GCC
'math-68881.h',
]

self.skip_dirs |= set([
    # Better not create a merge nightmare for the GNAT folks.
    'ada',

    # Handled separately.
    'testsuite',
    ])

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

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

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

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

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

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

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

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

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

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

    self.skip_dirs |= set ([
        # Imported from GLIBC.
        'soft-fp',
    ])

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

    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',
])

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

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

canon_fsf = 'Free Software Foundation, Inc.'
self.add_package_author('Free Software Foundation', canon_fsf)
self.add_package_author('Free Software Foundation.', canon_fsf)
self.add_package_author('Free Software Foundation Inc.', canon_fsf)
self.add_package_author('Free Software Foundation, Inc', canon_fsf)
self.add_package_author('The Free Software Foundation', canon_fsf)
self.add_package_author ('The Free Software Foundation, Inc.', canon_fsf)
self.add_package_author ('Software Foundation, Inc.', canon_fsf)

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

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

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnattools')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcpp', LibCppFilter())
        self.add_dir ('libdecmumber')
# 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 ('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

GCCCmdLine().main()

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" Automatically generated by Pod::Man 2.16 (Pod::Simple 3.05)
" Standard preamble:
" ========================================================================
.de Sh " Subsection heading
.br
.if t .Sp
.ne 5
.PP

.. .de Vb " Begin verbatim text
\texttt{\textbf{Set up some character translations and predefined strings.}} \texttt{\textbf{\textbackslash^{}\textbackslash{} will give an unbreakable dash, \textbackslash{}P will give pi, \textbackslash{}L will give a left double quote, and \textbackslash{}R will give a right double quote. \textbackslash{}C gives a nicer C++. Capital omega is used to do unbreakable dashes and \textbackslash{}therefore won't be available. \textbackslash{}C and \textbackslash{}C' expand to `` in nroff, \textbackslash{}nothing in troff, for use with C<>.}}

\begin{verbatim}
\texttt{.tr \(*W-}
\texttt{.ds C+ C\^{}-1v\^{}h\^{}-1p\^{}s-2+h\^{}-1p\^{}+s0v\^{}1v\^{}h\^{}-1p}
\texttt{.ie n \{\
  .ds -- \(*W-}
  .ds PI pi
  .if (\n(.H=4u)&(1m=24u) .ds -- \(*W\^{}h\^{}-12u\^{}(\*W\^{}h\^{}-12u\^{}-\^{}) diablo 10 pitch
  .if (\n(.H=4u)&(1m=20u) .ds -- \(*W\^{}h\^{}-12u\^{}(\*W\^{}h\^{}-8u\^{}-\^{}) diablo 12 pitch
  .ds L" "
  .ds R" "
  .ds C" "
  .ds C' "
  'br\}
\texttt{.el\}
\texttt{.ds -- \(\|\(em\|
\texttt{.ds PI \^{}p}
\texttt{.ds L" "
\texttt{.ds R" "
\texttt{.ds C" "
\texttt{.ds C' "
\texttt{'br\}
\texttt{}}}
\texttt{}}
\end{verbatim}

\texttt{\textbf{\textbackslash{}Escape single quotes in literal strings from groff's Unicode transform.}}

\begin{verbatim}
\texttt{.ie \n(g .ds Aq \{aq
\texttt{.el .ds Aq '}
\texttt{}}
\end{verbatim}

\texttt{\textbf{\textbackslash{}If the F register is turned on, we'll generate index entries on stderr for titles (.TH), headers (.SH), subsections (.Sh), items (.Ip), and index entries marked with X<> in POD. Of course, you'll have to process the output yourself in some meaningful fashion.}}

\begin{verbatim}
\texttt{.ie \nF \{\}
\texttt{.de IX}
\texttt{.tm Index:\$1\|t\|n\\^{}%\\^{}t\\$2''
\texttt{}}
\texttt{.nr % 0
\texttt{.rr F
\texttt{}}
\end{verbatim}
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 #[ I
   ds #] \P
.l]
.if t
   ds #H ((1-u-(\\n(.fu%2u))* .13m)
   ds #V .6m
   ds #F 0
   ds #] \&
   ds #] \&
.l]
.simple accents for nroff and troff
.if n
   ds \&
   ds \&
   ds ^ \&
   ds , \&
   ds ~ ~
   ds /
.l]
.troff and (daisy-wheel) nroff accents
.ds : \k:h'-\n(wu*8/10-\*(#H)\v'\h').\n\n\u
.ds \ k:h'-\n(wu*8/10-\*(#H)\v'\h').\n\n\u
.ds ^ \k:h'-\n(wu*10/11-\*(#H)\v'\h').\n\n\u
.ds , \k:h'-\n(wu*8/10)'\v'\h').\n\n\u
.ds ~ \k:h'-\n(wu-\*(#H-1m)'\v'\h').\n\n\u
.ds / \k:h'-\n(wu*8/10-\*(#H)\v'(si\h').\n\n\u
.l]
.troff and (daisy-wheel) nroff accents
.ds : \k:h'-\n(wu*8/10-\*(#H+1m+\*F)'\v'\h').\n\n\u
.ds %h'\n(wu*8/10-\*F)'\v'\h').\n\n\u
.ds o \k:h'-\n(wu\*8/10-\*H/2u\*8/10-\*F)'\v'\h').\n\n\u
.ds d- \k:h'-\n(wD\*8/10-\*F)'\v'\h').\n\n\u
.ds th \n\(F)#'(v'.3m\&s+1Ps-1V'-.3m\h'-\(wTu*2/3)\'s-1o\s+1\(F)
.ds Th \n\(F)#'(v'.3m\&s+1Ps-2h'-wTu*3/5\'v'-.3m\&o\w'.3m\n\v'\(F)
.ds ae alh'-\(w'a\u*4/10)\'e
ISSUE: GPL 7

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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
public abstract class Permission implements Guard, Serializable
{
    /**
     * Compatible with JDK 1.1+.
     */
    private static final long serialVersionUID = -563657022231596674L;

    /**
     * This is the name assigned to this permission object.
     *
     * @serial the name of the permission
     */
    private String name;

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

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

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

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

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

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

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 * @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());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

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

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html
xmlns="http://www.w3.org/1999/xhtml"><head><meta http-equiv="Content-Type" content="text/html;
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Version 3.1.31 March 2009

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

That's all there is to it!

#!/usr/bin/python
#
# Copyright (C) 2013 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',
'ltotpsions.m4',
'ltversion.m4',
'lt~obsolete.m4',
'missing',
'mkdep',
'mkinstalldirs',
'move-if-change',
'shlibpath.m4',
'symlink-tree',
'ylwrap',

# Skip FSF mission statement, etc.
'gnu.texi',
'funding.texi',
'appendix_free.xml',

# Skip imported texinfo files.
'texinfo.tex',
]
)

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog '):
        # Ignore references to copyright in changelog entries.
        return re.compile ('\t')
    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
# Skip .in files produced by automake.
if os.path.exists (base + '.am'):
    return True

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

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

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

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # 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]+\s+and\s+[0-9]+'

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

        # Matches one year.
        self.year_re = re.compile ('[0-9]+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)
# Matches a full copyright notice:
self.copyright_re = re.compile (  
    # 1: 'Copyright (C)', etc.
    '(\[Cc\]opyright\'  
    '([Cc]\opyright\+\([Cc]\])\')  
    '([Cc]\opyright\+%s'  
    '([Cc]\opyright\+&copy;'  
    '([Cc]\opyright\+@copyright{}'  
    '\copyright = u\'  
    '@set\s+\copyright\[w-\+]')

# 2: the years. Include the whitespace in the year, so that
# we can remove any excess.
'(\s*\(?\.' + ranges + \.',.?')
  '@value\{|[^{}]*\})\s*')

# 3: 'by ', if used
'(by\s+)')?

# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(\'+ name + '(?:\s? + name + ')*)?

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

self.comment_re = re.compile('#+|[*]+|;+|%+//+@c |dnl ')

self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

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

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

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

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find ('')
    while index >= 0:
self.holder_prefixes.add(holder[:index])
index = holder.find(' ', index + 1)

def add_external_author(self, holder):
    self.holders[holder] = None

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

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

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

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

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

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

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

        self.skip_extensions |= set (
            # Maintained by the translation project.
            ['.po',
             
            # Automatically-generated.
            '.pot',
            ])

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

        self.skip_dirs |= set (
            # Imported from GLIBC.
            ['soft-fp',
            ])

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

        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)
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        self.add_external_author ('Regents of the University of California,')
        self.add_external_author ('Silicon Graphics Computer Systems, Inc,')
        self.add_external_author ('Silicon Graphics')
        self.add_external_author ('Stephen L. Moshier')
class GCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # boehm-gcc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('Tixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnattools')
        self.add_dir ('include')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcpp', LibCppFilter())
        self.add_dir ('libdeccnumber')
        # 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 ('libobjc')
        self.add_dir ('libquadmath')
        # libsanitiser is imported from upstream.
        self.add_dir ('libssp')
        self.add_dir ('libstdc++-v3', LibStdCxxFilter())
        self.add_dir ('lto-plugin')
        # zlib is imported from upstream.

        self.default_dirs = [
            'gcc',
            'libada',
            'config',
            'Tixincludes',
            'gcc',
            os.path.join ('gcc', 'testsuite'),
            'gnattools',
            'include',
            'libada',
            'libatomic',
            'libbacktrace',
            'libcpp',
            'libdeccnumber',
            'libgcc',
            'libgfortran',
            'libgomp',
            'libiberty',
            'libitm',
            'libobjc',
            'libquadmath',
            'libssp',
            'libstdc++-v3',
            'lto-plugin']
GCCmdLine().main()

/* Definitions for BSD assembler syntax for Intel 386  
 (actually AT&T syntax for insns and operands,  
 adapted to BSD conventions for symbol names and debugging.)  
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*/

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

/* 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\u", (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)),\n assemble_name ((FILE), (NAME)),\n fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

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

/* 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)),\n assemble_name ((FILE), (NAME)),\n fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

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

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

/* This says 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))

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/* 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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<br>
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<li>
<para>
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Version 3.1, 31 March 2009

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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
 * java.security.Permission.
 */

@version 0.0

@authors Aaron M. Renn (arenn@urbanophile.com)

public interface Permission
{

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

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

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1.572 libusb-compat 0.1.12-28

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1.576 google-api-go-client 2.2.1

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licenseObject

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

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1.580 jetty-webapp 9.4.2.v20170220

1.581 dmidecode 3.0-2ubuntu0.2

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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.

A. HISTORY OF THE SOFTWARE

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

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

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

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

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1.588 go-cache 2.1.0+incompatible

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1.589 xerces-c 3.1.3+debian-1

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JUnit

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1.591 httpcomponents-client 4.5.3

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1.592 binutils 2.32

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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 pseudos-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 BASIC LIBRARY FUNCTIONS
-----------------------------------

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1.597 file 5.25-2ubuntu1.4

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1.599 httpcomponents-client 4.5.2

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Last revised by Reagle $Date: 2005/06/03 22:49:13$

1.605 python-jsonpatch 1.19 3

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- Unnamed - logkit:logkit:jar:1.0.1
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Protocol Buffers for Go with Gadgets

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package spec

// License information for the exposed API.

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

# The list of people who have contributed code to the cmux repository.
#
# Auto-generated with:
# git log --oneline --pretty=format:'%an <%aE>' | sort -u
#
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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    cmd/krb5/kproplog/kproplog.c
    cmd/krb5/slave/kpropd_rpc.c
    lib/gss_mechs/mech_krb5/et/kdb5_err.c
    lib/gss_mechs/mech_spnego/meth/gssapiP_spnego.h
    lib/gss_mechs/mech_spnego/meth/spnego_mech.c
    lib/krb5/kadm5/kadm_host_srv_names.c
    lib/krb5/kdb/kdb_convert.c
    lib/krb5/kdb/kdb_hdr.h
    lib/krb5/kdb/kdb_log.c
    lib/krb5/kdb/kdb_log.h
    lib/libgss/g_accept_sec_context.c
    lib/libgss/g_acquire_cred.c
    lib/libgss/g_canon_name.c
    lib/libgss/g_compare_name.c
    lib/libgss/g_context_time.c
    lib/libgss/g_delete_sec_context.c
    lib/libgss/g_dsp_name.c
    lib/libgss/g_dsp_status.c
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lib/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_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
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lib/gssapi/mechglue/g_export_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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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
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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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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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Version 2, June 1991

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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
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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
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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.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

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

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

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uses the Library”, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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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.

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also combine or
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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
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-- activemq-web

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```java
permissionStringLjava/lang/String;<init>'(Ljava/lang/String;Ljava/lang/String;)VCodeLineNumberTableLocalVariableTablethisDLorg/apache/shiro/authz/permission/InvalidPermissionStringException;messagegetPermissionString()Ljava/lang/String;
```
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```java
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1.621 popt 1.16 10

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1.623 jackson 2.8.7

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1.631 gettext 2.23 0ubuntu11

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1.634 go-jmespath 1.1.5

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1.635 musl 1.1.9

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1.636 eclipse-rap-rwt 2.3.2

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1.649 zlib 1.2.8.dfsg-2ubuntu4.3
1.649.1 Available under license :
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.8, April 28th, 2013

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jloup@gzip.org          madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/

1.650 eclipse 3.7.0.v20110613
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1.653 snowball-stemmer 1.2.1

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1.654 golang-snappy 1.1.5

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1.655 arptables 0.0.3.4-1

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but almost all code is from the iptables userspace program, which has main
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1.656 pigz 2.1.6
1.656.1 Available under license:

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1.658 bzip2 1.0.6 8ubuntu0.2

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1.660 installation-report 2.60ubuntu1

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1.661 fast-infoset 1.2.12-1

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end
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1.662 xml-core 0.13+nmu2
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1.666 snappy-java 1.0.5

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* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-jar/org/xerial/snappy/Snappy.java
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jar/org/xerial/snappy/Codec.java
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jar/org/xerial/snappy/package-info.java
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jar/org/xerial/snappy/SnappyError.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/OSInfo.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/SnappyNative.cpp
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/SnappyLoader.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/SnappyInputStream.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/SnappyNativeAPI.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/SnappyNative.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
jar/org/xerial/snappy/SnappyBundleActivator.java
* /opt/ws_local/PERMITS_SQL/1018361857_1591903474.31/0/snappy-java-1-0-5-sources-
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jar/org/xerial/snappy/OSInfo.java

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1.669 keyutils 1.5.9 r1

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1.674 rxjava 1.1.0

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From 2252bec27ecd3d0353d1868af5a5f325450cc1d2 Mon Sep 17 00:00:00 2001
From: dann frazier <dann.frazier@canonical.com>
Date: Thu, 21 May 2015 10:28:48 -0600
Subject: arm64/setjmp: Add missing license macro

Including the setjmp module in an arm64-efi image will cause it to
immediately exit with an "incompatible license" error.

The source file includes a GPLv3+ boilerplate, so fix this by declaring a
GPLv3+ license using the GRUB_MOD_LICENSE macro.

Signed-off-by: dann frazier <dann.frazier@canonical.com>
Bug-Ubuntu: https://bugs.launchpad.net/bugs/1459871
Origin: upstream,
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Patch-Name: arm64-setjmp-Add-missing-license-macro.patch
---
grub-core/lib/arm64/setjmp.S | 2 ++
1 file changed, 2 insertions(+)

diff --git a/grub-core/lib/arm64/setjmp.S b/grub-core/lib/arm64/setjmp.S
index adaafe4..eabfd99 100644
--- a/grub-core/lib/arm64/setjmp.S
+++ b/grub-core/lib/arm64/setjmp.S
@@ -17,8 +17,10 @@
 /*
 #include <grub/symbol.h>
 +#include <grub/dl.h>

 .file"set jmp.S"
+GRUB_MOD_LICENSE "GPLv3+"
 .text

 /*
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http://git.savannah.gnu.org/cgit/grub.git/commit/?id=3ac342205dc81293bb8e2d91b8c5ebe124b4ad35

Patch-Name: arm64-setjmp-Add-missing-license-macro.patch
---
grub-core/lib/arm64/setjmp.S | 2 ++
1 file changed, 2 insertions(+)

diff --git a/grub-core/lib/arm64/setjmp.S b/grub-core/lib/arm64/setjmp.S
index adaafe4..eabfd99 100644
--- a/grub-core/lib/arm64/setjmp.S
+++ b/grub-core/lib/arm64/setjmp.S
@@ -17,8 +17,10 @@
 */

#include <grub/symbol.h>
#include <grub/dl.h>

.file"setjmp.S"
+GRUB_MOD_LICENSE "GPLv3+
.text

/*
From 2252bec27ecd3d0353d1868af5a5f325450cc1d2 Mon Sep 17 00:00:00 2001
From: dann frazier <dann.frazier@canonical.com>
Date: Thu, 21 May 2015 10:28:48 -0600
Subject: arm64/setjmp: Add missing license macro

Including the setjmp module in an arm64-efi image will cause it to immediately exit with an "incompatible license" error.

The source file includes a GPLv3+ boilerplate, so fix this by declaring a GPLv3+ license using the GRUB_MOD_LICENSE macro.

Signed-off-by: dann frazier <dann.frazier@canonical.com>
Bug-Ubuntu: https://bugs.launchpad.net/bugs/1459871
Origin: upstream,
http://git.savannah.gnu.org/cgit/grub.git/commit/?id=3ac342205dc81293bb8e2d91b8c5ebe124b4ad35

Patch-Name: arm64-setjmp-Add-missing-license-macro.patch
---
grub-core/lib/arm64/setjmp.S | 2 ++
1 file changed, 2 insertions(+)
diff --git a/grub-core/lib/arm64/setjmp.S b/grub-core/lib/arm64/set jmp.S
index adaaf4..eabfd99 100644
--- a/grub-core/lib/arm64/setjmp.S
+++ b/grub-core/lib/arm64/setjmp.S
@@ -17,8 +17,10 @@
*/
#include <grub/symbol.h>
+#include <grub/dl.h>

.file"setjmp.S"
+GRUB_MOD_LICENSE "GPLv3+

.text

/*

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Version 3, 29 June 2007

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Source: http://www.gnu.org/software/grub/

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Files: debian/grub-extras/*

Files: themes/starfield/*
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1.685 eclipse-core-variables

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1.688 gomemcache 1.1.8

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1.690 linux-signed 4.4.0-184.214

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```
/*

For the server\util_md5.c component:

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

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

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    proprietary license. If this is a problem for you, consider using
    another TLS library.

BoringSSL https://boringssl.googlesource.com/

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    license as that.

libressl http://www.libressl.org/

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

    (Used for asynchronous name resolves) Uses an MIT license that is very
    liberal and imposes no restrictions on any other library or part you
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zlib     http://www.zlib.net/zlib_license.html

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1.701 xmlsec 1.2.20-2ubuntu4
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1.702 libtext-iconv-perl 1.7-5build4

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1.705 spring-plugin 3.6

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1.707 go-sockaddr 1.0.2

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1.708 slf4j-log4j 1.7.25

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1.709 libestr 0.1.10-1

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 */
/**
 * Creates a new {AnalyzerAdapter}. Subclasses must not use this
 * constructor. Instead, they must use the
 * {AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 * @param owner

---

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* 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\}).
* @param mv
* the method visitor to which this adapter delegates calls. May
* be $null$.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1018366213_1591904026.58/0/asm-5-0-3-sources-
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* /opt/ws_local/PERMITS_SQL/1018366213_1591904026.58/0/asm-5-0-3-sources-jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/ws_local/PERMITS_SQL/1018366213_1591904026.58/0/asm-5-0-3-sources-jar/org/objectweb/asm/xml/SAXAdapter.java
* /opt/ws_local/PERMITS_SQL/1018366213_1591904026.58/0/asm-5-0-3-sources-jar/org/objectweb/asm/xml/Processor.java
* /opt/ws_local/PERMITS_SQL/1018366213_1591904026.58/0/asm-5-0-3-sources-jar/org/objectweb/asm/xml/SAXFieldAdapter.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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 */
/**
 * 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.
*/

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* /opt/ws_local/PERMITS_SQL/1018366213_1591904026.58/0/asm-5-0-3-sources-jar/org/objectweb/asm/optimizer/shrink-writer.properties
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  jar/org/objectweb/asm/TypeReference.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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/**
* 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}.

@param exceptions
the internal names of the method's exception classes (see \link Type\#getInternalName\(\) getInternalName\(\)). May be \tt{null}.

@throws IllegalStateException
If a subclass calls this constructor.

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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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jar/org/objectweb/asm/signature/package.html
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Masato Taruishi took over on 17 Oct 1999.
Since September 2002 it has been maintained by the participants in the pkg-alsa project at alioth.debian.org.

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1.735 ganymed-ssh2 262

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1.736 pam 1.1.8 3.2ubuntu2

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1.737 pflag 1.0.1

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1.738 generex 1.0.1
1.739 jersey-client 2.17

1.740 nginx 1.11.12-1~xenial
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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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1.742 bind 9.10.3.dfgs.P4-8ubuntu1.16

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  <xsl:value-of select="$isc.copyright.leader"/>
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cfff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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1.748 hashicorp-mdns 1.0.1

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1.751 taglibs-standard 1.1.2-4

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1.762 jetty-webapp 9.3.9.v20160517

1.763 libnfsidmap 0.25-5

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1.764 jetty-servlets 9.3.9.v20160517

1.765 psmisc 23.1

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1.766 util-linux 2.27.1-6ubuntu3.10

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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2ef9 bsd.img

---layout---------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Create 1st primary partition
ada64ace122978d00d1d1c0e5e45d26 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device   Boot Start   End Sectors Size Id Type
<removed>1  2048  4095  2048  1M  83 Linux
-------------------
Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device   Boot Start   End Sectors Size Id Type
<removed>1  2048  4095  2048  1M  83 Linux
<removed>2  4096 20479 16384  8M  a5 FreeBSD
-------------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------
Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
c  4096 20479   16384    8M unused     0   0   0
d  0 16064   16065    7.9M unused    0   0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

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

b5c121c2091b2ff26b880551feac7112 bsd.img

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

Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

Slice Start   End Sectors  Size Type     Fsize Bsize Cpg
a  4096  6144    2049   1M 4.2BSD     0   0   0
c  4096 20479   16384   8M unused     0   0   0
d  0 16064   16065   7.9M unused    0   0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

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

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
Command (m for help): Entering nested BSD disklabel.

Command (m for help):

```
0  unused           5  4.1BSD   9  4.4LFS   d boot
1  swap             6  Eighth Edition a unknown e ADOS
2  Version 6        7  4.2BSD   b HPFS   f HFS
3  Version 7        8  MS-DOS   c ISO-9660 10 AdvFS
4  System V
```

Command (m for help):
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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

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2. [2] Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
3. [3] Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
5. [6] Michael Barone <michael.barone@lmco.com> GPSVME fixes
6. [7] Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8] Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9] Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10] Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11] Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
11. [12] Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
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13. [14] Steve Clift <clift@ml.csiro.au> OMEGA clock driver
14. [15] Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
15. [16] Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg’s Winnt port.


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18. [19] Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119

19. [20] John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing

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23. [24] Mike Iglesias <iglesias@uci.edu> DEC Alpha port

24. [25] Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port

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27. [29] Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)

28. [30] Frank Kardel [31]<kardel(at)ntp(dot)org> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling

29. [32] Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote sntp to comply with NTPv4 specification, ntpq saveconfig

30. [33] William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications

31. [34] Dave Katz <dkatz@cisco.com> RS/6000 AIX port

32. [35] Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver

33. [36] George Lindholm <lindholm@u.cs.ubc.ca> SunOS 5.1 port

34. [37] Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication

35. [38] Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305

36. [39] Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code Maintenance

37. [40] David L. Mills <mills@udel.edu> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36

38. [41] Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port

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40. [43] Tom Moore <tmoore@fievel.daytonoh.nrc.com> i386 svr4 port

41. [44] Kamal A Mostafa <kamal@whence.com> SCO OpenServer port

42. [45] Derek Mulcahy <derek@toybox.demon.co.uk> and [46] Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver

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monitoring/trap scripts, statistics file handling
45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
46. [50]Wilfredo Sanchez <wsanchez@apple.com> added support for
   NetInfo
47. [51]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of
   space on the stuff in the html/pic/ subdirectory
49. [53]Ray Schnitzler <schnitz@unipress.com> UnixWare1 port
50. [54]Michael Shields <shields@tembel.org> USNO clock driver
51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock
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52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure
   makeover, various other bits (see the ChangeLog)
53. [57]Kenneth Stone <ken@sdd.hp.com> HP-UX port
54. [58]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast
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58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
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59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and
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package cmd

import "strings"

//Licenses contains all possible licenses a user can chose from
var Licenses map[string]License
//License represents a software license agreement, containing the Name of
// the license, its possible matches (on the command line as given to cobra)
// the header to be used with each file on the file's creating, and the text
// of the license

type License struct {
    Name            string   // The type of license in use
    PossibleMatches []string // Similar names to guess
    Text            string   // License text data
    Header          string   // License header for source files
}

// given a license name (in), try to match the license indicated
func matchLicense(in string) string {
    for key, lic := range Licenses {
        for _, match := range lic.PossibleMatches {
            if strings.EqualFold(in, match) {
                return key
            }
        }
    }
    return ""
}

func init() {
    Licenses = make(map[string]License)

    Licenses["apache"] = License{
        Name:            "Apache 2.0",
        PossibleMatches: []string{"apache", "apache20", "apache 2.0", "apache2.0", "apache-2.0"},
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1.773 zlib 1.2.3

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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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 Library General Public License, applies to some
specially designated Free Software Foundation software, and to any
other libraries whose authors decide to use it. You can use it for
your libraries, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.
To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

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

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

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

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

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

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

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

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

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

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

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

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

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

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.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add 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.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

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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>

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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Version 3, 29 June 2007

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Preamble

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The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you
these rights or asking you to surrender the rights. Therefore, you have

certain responsibilities if you distribute copies of the software, or if
you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must pass on to the recipients the same
freedoms that you received. You must make sure that they, too, receive
or can get the source code. And you must show them these terms so they
know their rights.

Developers that use the GNU GPL protect your rights with two steps:
(1) assert copyright on the software, and (2) offer you this License
giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains
that there is no warranty for this free software. For both users' and
authors' sake, the GPL requires that modified versions be marked as
changed, so that their problems will not be attributed erroneously to
authors of previous versions.

Some devices are designed to deny users access to install or run
modified versions of the software inside them, although the manufacturer
can do so. This is fundamentally incompatible with the aim of
protecting users' freedom to change the software. The systematic
pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we
have designed this version of the GPL to prohibit the practice for those
products. If such problems arise substantially in other domains, we
stand ready to extend this provision to those domains in future versions
of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of
software on general-purpose computers, but in those that do, we wish to
avoid the special danger that patents applied to a free program could
make it effectively proprietary. To prevent this, the GPL assures that
patents cannot be used to render the program non-free.

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

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

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

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

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

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.


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

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

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work’s
System Libraries, or general-purpose tools or generally available free
programs which are used unmodified in performing those activities but
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
subprograms and other parts of the work.

The Corresponding Source need not include anything that users
can regenerate automatically from other parts of the Corresponding
Source.

The Corresponding Source for a work in source code form is that
same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of
copyright on the Program, and are irrevocable provided the stated
conditions are met. This License explicitly affirms your unlimited
permission to run the unmodified Program. The output from running a
covered work is covered by this License only if the output, given its
content, constitutes a covered work. This License acknowledges your
rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not
convey, without conditions so long as your license otherwise remains
in force. You may convey covered works to others for the sole purpose
of having them make modifications exclusively for you, or provide you
with facilities for running those works, provided that you comply with
the terms of this License in conveying all material for which you do
not control copyright. Those thus making or running the covered works
for you must do so exclusively on your behalf, under your direction
and control, on terms that prohibit them from making any copies of
your copyrighted material outside their relationship with you.
Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.


You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an “aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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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1.789 zsync 0.6.2-1ubuntu1

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Name: base-passwd
Maintainer: Colin Watson <cjwatson@debian.org>

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

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

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

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.
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End
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1.802 dropwizard-request-logging 1.0.0
1.803 jetty 9.4.8.v20171121

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Eclipse

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

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

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

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Oracle

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

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

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

* java.sun.security.ssl

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

http://openjdk.java.net/legal/gplv2+ce.html

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

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

org.mortbay.jasper:apache-jsp
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-ant
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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

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Name                                     Date added
Simone Bordet                            12 September 2006

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6etDJ6Auj0jTuS159hUsWMQ=
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Section 6 states terms for distribution of such executables.

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Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

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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HAPROXY's license - 2006/06/15

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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#
# USAGE: check-license.py [-C] file1 file2 ... fileN
#
# A 'file' may in fact be a directory, in which case it is recursively searched.
#
# If the license cannot be found, then the filename is printed to stdout.
# Typical usage:
#   $ check-license.py . > bad-files
#
# -C switch is used to change licenses.
# Typical usage:
#   $ check-license.py -C file1 file2 ... fileN
#
import sys, os, re

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# #878444 updated all the license blocks. In the future, if we update
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re_SH_OLD = re.compile(SH_OLD_LICENSE)
re_EXCLUDE = re.compile(automatically generated by SWIG'
+ Generated from configure\in'
+ placed into the public domain')
)

c_comment_suffices = ('.c', '.java', '.h', '.cpp', '.hw', '.pas')

# Yes, this is an empty tuple. No types that fit in this category uniformly
# have a copyright block.
# Possible types to add here:
# ('.bat', '.py', '.pl', '.in')
sh_comment_suffices = ()
def check_file(fname, old_re, new_lic):
    s = open(fname).read()
    if (not old_re.search(s)
        and not re_EXCLUDE.search(s)):
        print(fname)

def change_license(fname, old_re, new_lic):
    s = open(fname).read()
    m = old_re.search(s)
    if not m:
        print('ERROR: missing old license: %s' % fname)
    else:
        s = s[:m.start()] + new_lic + s[m.end():]
        open(fname, 'w').write(s)
        print('Changed: %s' % fname)

def visit(baton, dirname, dircontents):
    file_func = baton
    for i in dircontents:
        # Don't recurse into certain directories
        if i in ('.svn', '.libs'):
            dircontents.remove(i)
            continue

        extension = os.path.splitext(i)[1]
        fullname = os.path.join(dirname, i)

        if os.path.isdir(fullname):
            continue

        if extension in c_comment_suffices:
            file_func(fullname, re_OLD, NEW_LICENSE)
        elif extension in sh_comment_suffices:
            file_func(fullname, re_SH_OLD, SH_NEW_LICENSE)

    def main():
        file_func = check_file
        if sys.argv[1] == '-C':
            print('Changing license text...')
            del sys.argv[1]
            file_func = change_license

        for f in sys.argv[1:]:
            if os.path.isdir(f):
                baton = file_func
                for dirpath, dirs, files in os.walk(f):
                    visit(baton, dirpath, dirs + files)
else:
    baton = file_func
dir, i = os.path.split(f)
visit(baton, dir, i)

if __name__ == '__main__':
    main()

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1.822 spring-osgi-extender 2.0.0.M1

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1.823 python-defaults 3.5.1 3
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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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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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</table>
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1.824 jetty-continuation 9.3.9.v20160517

1.825 libxcursor 1.1.14
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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 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.

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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.

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 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.

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which the executable runs, unless that component itself accompanies
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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.

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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.

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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.

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<one line to give the program's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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

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

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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 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.

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For an executable, the required form of the "work that uses the
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1.841 pwauth 2.3.11-0.1

1.842 logback-access 1.2.1

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import: ../../../../fossene/db/schema/thing.yml
fields:
  site: string
  author: root

1.844 jackson-jaxrs-base 2.3.2
1.845 libapache2-mod-authz-unixgroup 1.1.0-0.1

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1.847 zlib 1.2.11 r1

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1.848 udev 239-18.el8_1.4

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1.859 iproute 5.7.3+dfsg 1ubuntu4.4

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1.861 cryptsetup 1.6.6 5ubuntu2

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1.863 drop-wizard-metrics 1.1.0

1.864 metrics-json 3.1.2

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1.865 isc-dhcp 4.3.3 5ubuntu12.10

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1.866 logrus 1.0.6

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1.868 dropwizard-core 1.0.0

1.869 logfmt 2.2.1

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

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package spec

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

import (  
  "context"  
  "crypto/hmac"  
  "crypto/sha256"  
  "encoding/base64"  
  "encoding/json"  
  "fmt"  
  "time"
  
  "github.com/docker/libtrust"
  "github.com/docker/licensing/lib/errors"
  "github.com/docker/licensing/lib/go-clientlib"
  "github.com/docker/licensing/model"
)

func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {  
  url := c.baseURI  
  url.Path += fmt.Sprintf("/api/billing/v4/subscriptions/%s/license-file", subID)

  license := new(model.IssuedLicense)  
  if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
    return nil, err
  }

  return license, nil
}

// Check verifies that the license identified by the given key id is valid. Note that it does not  
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {  
  keyID := license.KeyID  
  privateKey := license.PrivateKey

  authorization, err := c.getAuthorization(ctx, license)  
  if err != nil {
    return nil, err
  }

  signature, err := libtrust.ParseJWS(authorization)  
  if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{  
      "key_id": keyID,
    })
  }

  // TODO: Mason - replace this parseJWS with a non libtrust lib
keys, err := signature.Verify()
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "license signature verification failed")
}

keyCnt := len(keys)
if keyCnt != 1 {
    err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
    return nil, errors.WithStack(err).With(errors.Fields{
        "key_id": keyID,
    })
}

key := keys[0]
if !c.recognizedSigningKey(key) {
    return nil, errors.New("unrecognized signing key")
}

payload, err := signature.Payload()
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "malformed signature payload")
}

checkRes := new(model.CheckResponse)
err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    })
}

return checkRes, nil
// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

// getAuthorization returns the decoded license authorization
func (c *client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": license.KeyID,
        }, "decoding license authorization failed")
    }
    return decoded, nil
}

// All of the functions in this file assume that they are receiving a properly
// formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
// the token.
func checkToken(message, token, privateKey string) error {
    tokenBytes, err := base64.URLEncoding.DecodeString(token)
    if err != nil {
        return errors.Wrap(err, errors.Fields{
            "token": token
        })
    }
    generatedToken, err := generateToken(message, privateKey)
    if err != nil {
        return errors.Wrap(err, errors.Fields{
            "token": token
        })
    }
    generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
    if err != nil {
        return errors.Wrap(err, errors.Fields{
            "token": token
        })
    }
    if !hmac.Equal(tokenBytes, generatedBytes) {
        return errors.Forbidden(errors.Fields{
            "token": token,
            "invalid token"
        })
    }
    return nil
}
// generateToken generates a hash of the message with the privateKey via the
// sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
    key, err := base64.URLEncoding.DecodeString(privateKey)
    if err != nil {
        return "", errors.Wrap(err, errors.Fields{"msg": message})
    }

    h := hmac.New(sha256.New, key)
    h.Write([]byte(message))
    return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

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Gocheck - A rich testing framework for Go

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.
type CheckResponse struct {
    Expiration time.Time `json:"expiration"`
    Token      string    `json:"token"`
    MaxEngines int       `json:"maxEngines"`
    ScanningEnabled bool      `json:"scanningEnabled"`
    Type       string    `json:"licenseType"`
    Tier       string    `json:"tier"`
}

// IssuedLicense represents an issued license
type IssuedLicense struct {
    KeyID         string `json:"key_id"`
    PrivateKey    string `json:"private_key"`
    Authorization string `json:"authorization"`
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }
    if l.PrivateKey == "" {
        return false, "empty private_key"
    }
}
if l.Authorization == "" {
    return false, "empty authorization"
}

return true, ""
}

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package engine

import (  
"bytes"  
"encoding/json"  
"strings"  
"testing"  
"time"

"github.com/docker/cli/cli/command/formatter"
"github.com/docker/cli/internal/licenseutils"
"github.com/docker/licensing/model"
"gotest.tools/assert"
is "gotest.tools/assert/cmp"
)

func TestSubscriptionContextWrite(t *testing.T) {
cases := []struct {
context  formatter.Context
}
expected string
}

// Errors
{
 formatter.Context{Format: "\{InvalidFunction\}"},
 'Template parsing error: template: :1: function "InvalidFunction" not defined
 '\'.
},
{
 formatter.Context{Format: "\{nil\}"},
 'Template parsing error: template: :1:2: executing "" at <nil>: nil is not a command
 '\'.
},

// Table format
{
 formatter.Context{Format: NewSubscriptionsFormat("table", false)},
 'NUM          OWNER       PRODUCT ID          EXPIRES                         PRICING COMPONENTS
 1   owner1   productid1   2020-01-01 10:00:00 +0000 UTC   compstring
 2   owner2   productid2   2020-01-01 10:00:00 +0000 UTC   compstring
},
{
 formatter.Context{Format: NewSubscriptionsFormat("table", true)},
 '1:License Name: name1Quantity: 10 nodesExpiration date: 2020-01-01
 2:License Name: name2Quantity: 20 nodesExpiration date: 2020-01-01
},
{
 formatter.Context{Format: NewSubscriptionsFormat("table \{.Owner\}", false)},
 'OWNER
 owner1
 owner2
'},
{
 formatter.Context{Format: NewSubscriptionsFormat("table \{.Owner\}"", true)},
 'OWNER
 owner1
 owner2
'},

// Raw Format
{
 'license: id1
 name: name1
 owner: owner1
 components: compstring

expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
    subscriptions := []licenseutils.LicenseDisplay{
        {
            Num:   1,
            Owner: "owner1",
            Subscription: model.Subscription{
                ID:   "id1",
                Name: "name1",
                ProductID: "productid1",
                Expires: &expiration,
                PricingComponents: model.PricingComponents{
                    &model.SubscriptionPricingComponent{
                        Name: "nodes",
                        Value: 10,
                    },
                },
                ComponentsString: "compstring",
            },
            Num: 2,
            Owner: "owner2",
            Subscription: model.Subscription{
        },
ID: "id2",
Name: "name2",
ProductID: "productid2",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 20,
},
},
ComponentsString: "compstring",
}

out := &bytes.Buffer{}
testcase.context.Output = out
derr := SubscriptionsWrite(testcase.context, subscriptions)
if err != nil {
assert.Error(t, err, testcase.expected)
} else {
assert.Check(t, is.Equal(testcase.expected, out.String()))
}

func TestSubscriptionContextWriteJSON(t *testing.T) {
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
subscriptions := []licenseutils.LicenseDisplay{
{
Num: 1,
Owner: "owner1",
Subscription: model.Subscription{
ID: "id1",
Name: "name1",
ProductID: "productid1",
Expires: &expiration,
PricingComponents: model.PricingComponents{
&model.SubscriptionPricingComponent{
Name: "nodes",
Value: 10,
},
},
ComponentsString: "compstring",
}
{
Num: 2,
Owner: "owner2",
}
Subscription: model.Subscription{
ID:  "id2",
Name:  "name2",
ProductID:  "productid2",
Expires:  &expiration,
PricingComponents: model.PricingComponents{
$model.SubscriptionPricingComponent{
Name:  "nodes",
Value:  20,
},
},
ComponentsString:  "compstring",
}
}
expectedJSONs := []map[string]interface{}{
{
"Owner":  "owner1",
"ComponentsString":  "compstring",
"Expires":  "2020-01-01T10:00:00Z",
"DockerID":  "",
"Eusa":  nil,
"ID":  "id1",
"Start":  nil,
"Name":  "name1",
"Num":  float64(1),
"PricingComponents":  []interface{}{
map[string]interface{}{
"name":  "nodes",
"value":  float64(10),
},
},
"ProductID":  "productid1",
"ProductRatePlan":  "",
"ProductRatePlanID":  "",
"State":  "",
"Summary":  "License Name: name1\tQuantity: 10 nodes\tExpiration date: 2020-01-01",
},
{
"Owner":  "owner2",
"ComponentsString":  "compstring",
"Expires":  "2020-01-01T10:00:00Z",
"DockerID":  "",
"Eusa":  nil,
"ID":  "id2",
"Start":  nil,
"Name":  "name2",
"Num":  float64(2),
}
"PricingComponents": {interface{}{
    map[string]interface{}{
        "name": "nodes",
        "value": float64(20),
    },
    "ProductID": "productid2",
    "ProductRatePlan": "",
    "ProductRatePlanID": "",
    "State": "",
    "Summary": "License Name: name2\n    Quantity: 20 nodes\n    Expiration date: 2020-01-01",
    }
}},

out := &bytes.Buffer{
err := SubscriptionsWrite(formatter.Context{Format: "{{json .}}", Output: out}, subscriptions)
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
    var m map[string]interface{}
    if err := json.Unmarshal([]byte(line), &m); err != nil {
t.Fatal(err)
}
    assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}
}

func TestSubscriptionContextWriteJSONField(t *testing.T) {
    subscriptions := []licenseutils.LicenseDisplay{
        {Num: 1, Owner: "owner1"},
        {Num: 2, Owner: "owner2"},
    }
    out := &bytes.Buffer{
if err != nil {
t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
    var s string
    if err := json.Unmarshal([]byte(line), &s); err != nil {
t.Fatal(err)
}
    assert.Check(t, is.Equal(subscriptions[i].Owner, s))
}
}

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package engine

import (
    "time"
    "github.com/docker/cli/cli/command/formatter"
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
)

const (    defaultSubscriptionsTableFormat = "table
{ |Num| |Owner| |ProductID| |Expires| |ComponentsString|
"
    defaultSubscriptionsQuietFormat = "{ |Num| |Summary|"

    numHeader   = "NUM"
    ownerHeader = "OWNER"
    licenseNameHeader = "NAME"
    idHeader    = "ID"
    dockerIDHeader = "DOCKER ID"
    productIDHeader = "PRODUCT ID"
    productRatePlanHeader = "PRODUCT RATE PLAN"
    productRatePlanIDHeader = "PRODUCT RATE PLAN ID"
    startHeader = "START"
    expiresHeader = "EXPIRES"
    stateHeader = "STATE"
    eusaHeader = "EUSA"
    pricingComponentsHeader = "PRICING COMPONENTS"
)

// NewSubscriptionsFormat returns a Format for rendering using a license Context
func NewSubscriptionsFormat(source string, quiet bool) formatter.Format {
    switch source {
    case formatter.TableFormatKey:
        if quiet {
            return defaultSubscriptionsQuietFormat
        }
        return defaultSubscriptionsTableFormat
    case formatter.RawFormatKey:
if quiet {
    return `license: {{.ID}}`
}
return `license: {{.ID}}
name: {{.Name}}
owner: {{.Owner}}
components: {{.ComponentsString}}
`
return formatter.Format(source)

// SubscriptionsWrite writes the context
func SubscriptionsWrite(ctx formatter.Context, subs []licenseutils.LicenseDisplay) error {
    render := func(format func(subContext formatter.SubContext) error) error {
        for _, sub := range subs {
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {
                return err
            }
        }
        return nil
    }
    licenseCtx := licenseContext{}
    licenseCtx.Header = map[string]string{
        "Num":               numHeader,
        "Owner":             ownerHeader,
        "Name":              licenseNameHeader,
        "ID":                idHeader,
        "DockerID":          dockerIDHeader,
        "ProductID":         productIDHeader,
        "ProductRatePlan":   productRatePlanHeader,
        "ProductRatePlanID": productRatePlanIDHeader,
        "Start":             startHeader,
        "Expires":           expiresHeader,
        "State":             stateHeader,
        "Eusa":              eusaHeader,
        "ComponentsString":  pricingComponentsHeader,
    }
    return ctx.Write(&licenseCtx, render)
}

type licenseContext struct {
    formatter.HeaderContext
    trunc bool
    l    licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON() ([]byte, error) {
    return formatter.MarshalJSON(c)
}
func (c *licenseContext) Num() int {
    return c.l.Num
}

func (c *licenseContext) Owner() string {
    return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
    return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
    return c.l.String()
}

func (c *licenseContext) Name() string {
    return c.l.Name
}

func (c *licenseContext) ID() string {
    return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}
func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter

    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
    }
    return ret
}

Looking for existing licenses for ...

<table>
<thead>
<tr>
<th>NUM</th>
<th>OWNER</th>
<th>PRODUCT ID</th>
<th>EXPIRES</th>
<th>PRICING COMPONENTS</th>
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<td></td>
</tr>
</tbody>
</table>

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Protocol Buffers for Go with Gadgets

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

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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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to use the modified definitions.)

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

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

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lib/gss_mechs/mech_spnego/mech/spnego_mech.c
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lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
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The class "org.apache.commons.math3.exception.util.LocalizedFormatsTest" is an adapted version of "OrekitMessagesTest" test class for the Orekit library. The "org.apache.commons.math3.analysis.interpolation.HermiteInterpolator" has been imported from the Orekit space flight dynamics library.

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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:
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1.893 tre 1.1.19-r11

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1.894 pamtester 0.1.2-2

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1.895 opentracing-noop 0.31.0

1.896 procps 3.3.10-4ubuntu2.3

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Gocheck - A rich testing framework for Go

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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/actors/aws/iam/settings.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/actors/aws/iam/exceptions.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/actors/aws/iam/exceptions.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/actors/aws/iam/settings.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/utils.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0/kingpin/bin/deploy.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/aws/iam/entities.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/rollbar.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/utils.py
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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/rightscale/mci.py
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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/aws/test/__init__.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/aws/iam/__init__.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/schema.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/rightscale/deployment.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/aws/base.py
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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/hipchat.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/support/__init__.py
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* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/librato.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/support/api.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/__init__.py
* /opt/ws_local/PERMITS_SQL/1033263515_1591372931.49/0/kingpin-0.4.0-tar-gz/kingpin-0.4.0/kingpin/actors/test/__init__.py
1.913 dash 0.5.8 2.1ubuntu2

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1.914 jackson-dataformat-yaml 2.7.7

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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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1.915 dropwizard-util 1.1.0

1.916 commons-csv 1.1

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src/test/resources/CSVFileParser/test.csv
src/test/resources/CSVFileParser/test_default.txt
src/test/resources/CSVFileParser/test_default_comment.txt
src/test/resources/CSVFileParser/test_rfc4180.txt
src/test/resources/CSVFileParser/test_rfc4180_trim.txt
src/test/resources/CSVFileParser/testCSV85.csv
src/test/resources/CSVFileParser/testCSV85_default.txt
src/test/resources/CSVFileParser/testCSV85_ignoreEmpty.txt
These files are used as test data and test result specifications.

1.917 keepalived 2.0.17
1.917.1 Available under license:

Jan Holmberg, <jan@artech.net>:
- Memory framework
- HTTP/SSL checkers

Bradley Baetz, <bradley.baetz@optusnet.com.au>:
- MISC checker redesign
- Scheduler framework extension to support child process handling.
- Daemon framework extension to block SIGCHLD to only receive it when its unblocked in the scheduling select loop.

Jeremy Rumpf, <rumpf.6@osu.edu>:
- Added SMTP checker

Chris Caputo, <ccaputo@alt.net>:
- Added dont_track_primary, no_preempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com>:
- Fixed shadowed declaration reported by -Wshadow.
- Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com>:
- Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu>:
- Extended VRRP framework to support floating priority.

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1.928 spring-security-web 3.0.6

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### 1.936 joda-time 2.9.7

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1.937 poi-ooxml-schemas 3.15

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SLF4J library (slf4j-api-*.jar)

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1.939 pierrec-lz4 2.0.5+incompatible

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1.940 python-oauthlib 1.0.3 1

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Upstream-Contact: Idan Gazit <idan@gazit.me>
Source: http://pypi.python.org/pypi/oauthlib

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1.941 hawtbuf 1.11

1.942 jersey-mvc 2.17

1.943 unzip 6.0 20ubuntu1

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__________________________________________________________

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

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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’ MacBinaryIII coding code (for the MacOS port). These copyrights are discussed in more detail below.

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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 claims a patent on LZW encoding and on LZW decoding _in an apparatus 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 responsibility of the user to make his or her peace with Unisys and 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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* 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."

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
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The remaining code was written by many people associated with the
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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.

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1.944 findutils 4.6.0+git+20160126 2
1.944.1 Available under license :

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1.950 oauth1-client 2.17

1.951 xorg 7.7+13ubuntu3.1

1.951.1 Available under license:
Source Package: xorg
Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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1.953 go 1.12.5-1ubuntu1
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1.955 dropwizard-template-config 1.4.0

1.956 toml 0.3.1

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1.957 logging-interceptor 3.9.1

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1.959 protobuf-java 3.7.1

1.960 color 1.9.0

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Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout----------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>
--------------------

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout----------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device Boot Start End Sectors Size Id Type
<removed>1 2048 4095 2048 1M 83 Linux
--------------------

Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8d52f1a88a045db233418dd73fbd bsd.img

---layout----------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>  

<table>
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<tr>
<th>Device</th>
<th>Boot Start</th>
<th>End</th>
<th>Sectors</th>
<th>Size</th>
<th>Id</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2048</td>
<td>4095</td>
<td>2048</td>
<td>1M</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td>&lt;removed&gt;2</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>8M</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD  
2e1cee529cb59c9341afe0443f196a1 bsd.img  

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

Welcome to fdisk <removed>.  
Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.  

Command (m for help): Entering nested BSD disklabel.  

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors  
Geometry: 255 heads, 63 sectors/track, 1 cylinders  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
Disklabel type: bsd  

<table>
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<tr>
<th>Slice</th>
<th>Start</th>
<th>End</th>
<th>Sectors</th>
<th>Size</th>
<th>Type</th>
<th>Fsize</th>
<th>Bsize</th>
<th>Cpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>8M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>7.9M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Partition table entries are not in disk order.  

Command (m for help): Leaving nested disklabel.  

Command (m for help):  

b5c121c2091b2ff26b880551feac7112 bsd.img  

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

Welcome to fdisk <removed>.  
Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.  

Command (m for help): Entering nested BSD disklabel.
Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd

<table>
<thead>
<tr>
<th>Slice</th>
<th>Start</th>
<th>End</th>
<th>Sectors</th>
<th>Size</th>
<th>Type</th>
<th>Fsize</th>
<th>Bsize</th>
<th>Cpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
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<td>6144</td>
<td>2049</td>
<td>1M</td>
<td>4.2BSD</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>8M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>7.9M</td>
<td>unused</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-------------------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

<table>
<thead>
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<th>0</th>
<th>unused</th>
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<th>4.1BSD</th>
<th>9</th>
<th>4.4LFS</th>
<th>d</th>
<th>boot</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>swap</td>
<td>6</td>
<td>Eighth Edition</td>
<td>a</td>
<td>unknown</td>
<td>e</td>
<td>ADOS</td>
</tr>
<tr>
<td>2</td>
<td>Version 6</td>
<td>7</td>
<td>4.2BSD</td>
<td>b</td>
<td>HPFS</td>
<td>f</td>
<td>HFS</td>
</tr>
<tr>
<td>3</td>
<td>Version 7</td>
<td>8</td>
<td>MS-DOS</td>
<td>c</td>
<td>ISO-9660</td>
<td>10</td>
<td>AdvFS</td>
</tr>
<tr>
<td>4</td>
<td>System V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Command (m for help):
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1.962 slf4j 1.7.24

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1.963 commons-lang3 3.5

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package license

import (
    "fmt"
    "io"
    "os"
    "text/tabwriter"

    "github.com/vmware/govmomi/vim25/types"
)

type licenseOutput []types.LicenseManagerLicenseInfo

func (res licenseOutput) Write(w io.Writer) error {
    tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
    fmt.Fprintf(tw, "Key:	Edition:	Used:	Total:
")
    for _, v := range res {
        fmt.Fprintf(tw, "%s	”, v.LicenseKey)
        fmt.Fprintf(tw, "%s	", v.EditionKey)
        fmt.Fprintf(tw, "%d	", v.Used)
        fmt.Fprintf(tw, "%d	", v.Total)
        fmt.Fprintf(tw, "\n")
    }
    return tw.Flush()
}

#!/usr/bin/env bats
load test_helper

# These tests should only run against a server running an evaluation license.
verify_evaluation() {
    if [ "$govc license.ls -json | jq -r .[0].EditionKey" != "eval" ]; then
        skip "requires evaluation license"
    fi
}

get_key() {
    jq ".[1] | select(.LicenseKey == "\$1")"
}

get_property() {
    jq -r ".Properties[] | select(.Key == "\$1") | .Value"
}
@test "license.add" {
  esx_env

  verify_evaluation

  run govc license.add -json 00000-00000-00000-00000-00001 00000-00000-00000-00000-00002
  assert_success

  # Expect to see an entry for both the first and the second key
  assert_equal "License is not valid for this product" "$(get_key 00000-00000-00000-00000-00001 <<<${output} | get_property diagnostic)"
  assert_equal "License is not valid for this product" "$(get_key 00000-00000-00000-00000-00002 <<<${output} | get_property diagnostic)"
}

@test "license.remove" {
  esx_env

  verify_evaluation

  run govc license.remove -json 00000-00000-00000-00000-00001
  assert_success
}

@test "license.ls" {
  vcsim_env

  verify_evaluation

  run govc license.ls -json
  assert_success

  # Expect the test instance to run in evaluation mode
  assert_equal "Evaluation Mode" "$(get_key 00000-00000-00000-00000-00000 <<<$output | jq -r ".Name")"
}

@test "license.decode" {
  esx_env

  verify_evaluation

  key=00000-00000-00000-00000-00000
  assert_equal "eval" $(govc license.decode $key | grep $key | awk '{print $2}')
}

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*/

draw

c PART ctx context

c PART flag

"/github.com/vmware/govmomi/govc/cli"
"/github.com/vmware/govmomi/govc/flags"
"/github.com/vmware/govmomi/license"

type decode struct {
*flags.ClientFlag
*flags.OutputFlag

feature string
}

func init() {
cli.Register("license.decode", &decode{ })
}

func (cmd *decode) Register(ctx context.Context, f *flag.FlagSet) {
cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
cmd.ClientFlag.Register(ctx, f)
cmd.ClientFlag.Register(ctx, f)

cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)

cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)


cmd.OutputFlag.Register(ctx, f)

f.StringVar(&cmd.feature, "feature", ",", featureUsage)
}

func (cmd *decode) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *decode) Usage() string {
    return "KEY..."
}

func (cmd *decode) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }
    var result license.InfoList
    m := license.NewManager(client)
    for _, v := range f.Args() {
        license, err := m.Decode(ctx, v)
        if err != nil {
            return err
        }
        result = append(result, license)
    }
    if cmd.feature != "" {
        result = result.WithFeature(cmd.feature)
    }
    return cmd.WriteResult(licenseOutput(result))
}

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import (
    "context"
    "reflect"
    "testing"
    "github.com/vmware/govmomi"
    "github.com/vmware/govmomi/find"
    "github.com/vmware/govmomi/license"
)

func TestLicenseManagerVPX(t *testing.T) {
    ctx := context.Background()
    m := VPX()
    defer m.Remove()

    err := m.Create()
    if err != nil {
        t.Fatal(err)
    }

    s := m.Service.NewServer()
    defer s.Close()

    c, err := govmomi.NewClient(ctx, s.URL, true)
    if err != nil {
        t.Fatal(err)
    }

    lm := license.NewManager(c.Client)
    am, err := lm.AssignmentManager(ctx)
    if err != nil {
        t.Fatal(err)
    }

    la, err := am.QueryAssigned(ctx, "enoent")
if err != nil {
    t.Fatal(err)
}

if len(la) != 0 {
    t.Errorf("unexpected license")
}

finder := find.NewFinder(c.Client, false)
hosts, err := finder.HostSystemList(ctx, "/...")
if err != nil {
    t.Fatal(err)
}

host := hosts[0].Reference().Value

for _, name := range []string{"
host, vcid} {
    la, err = am.QueryAssigned(ctx, name)
    if err != nil {
        t.Fatal(err)
    }

    if len(la) != 1 {
        t.Fatal("no licenses")
    }

    if !reflect.DeepEqual(la[0].AssignedLicense, EvalLicense) {
        t.Fatal("invalid license")
    }
}

func TestLicenseManagerESX(t *testing.T) {
    ctx := context.Background()
    m := ESX()

    defer m.Remove()

    err := m.Create()
    if err != nil {
        t.Fatal(err)
    }

    s := m.Service.NewServer()
    defer s.Close()

    c, err := govmomi.NewClient(ctx, s.URL, true)
if err != nil {
    t.Fatal(err)
}

lm := license.NewManager(c.Client)
_, err = lm.AssignmentManager(ctx)
if err != nil {
    t.Fatal("expected error")
}

la, err := lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 1 {
    t.Fatal("no licenses")
}

if !reflect.DeepEqual(la[0], EvalLicense) {
    t.Fatal("invalid license")
}

func TestAddRemoveLicense(t *testing.T) {
    ctx := context.Background()
    m := ESX()
    defer m.Remove()

    err := m.Create()
    if err != nil {
        t.Fatal(err)
    }

    s := m.Service.NewServer()
    defer s.Close()

    c, err := govmomi.NewClient(ctx, s.URL, true)
    if err != nil {
        t.Fatal(err)
    }

    lm := license.NewManager(c.Client)
    key := "00000-00000-00000-00000-11111"
    labels := map[string]string{"key": "value"}

    info, err := lm.Add(ctx, key, labels)
if err != nil {
    t.Fatal(err)
}

if info.LicenseKey != key {
    t.Fatalf("expect info.LicenseKey equal to %q; got %q", key, info.LicenseKey)
}

if len(info.Labels) != len(labels) {
    t.Fatalf("expect len(info.Labels) equal to %d; got %d", len(labels), len(info.Labels))
}

if info.Labels[0].Key != "key" || info.Labels[0].Value != "value" {
    t.Fatalf("expect label to be {key:value}; got {%s:%s}", info.Labels[0].Key, info.Labels[0].Value)
}

la, err := lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 2 {
    t.Fatal("no licenses")
}

if la[1].LicenseKey != key {
    t.Fatalf("expect info.LicenseKey equal to %q; got %q", key, la[1].LicenseKey)
}

if len(la[1].Labels) != len(labels) {
    t.Fatalf("expect len(info.Labels) equal to %d; got %d", len(labels), len(la[1].Labels))
}

if la[1].Labels[0].Key != "key" || la[1].Labels[0].Value != "value" {
    t.Fatalf("expect label to be {key:value}; got {%s:%s}", la[1].Labels[0].Key, la[1].Labels[0].Value)
}

err = lm.Remove(ctx, key)
if err != nil {
    t.Fatal(err)
}

la, err = lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 1 {
    t.Fatal("no licenses")
}

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*/

package license

import (
    "context"
    "flag"
    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
)

type remove struct {
    *flags.ClientFlag
    *flags.OutputFlag
}

func init() {
    cli.Register("license.remove", &remove{} )
}

func (cmd *remove) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)

    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)

    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
func (cmd *remove) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *remove) Usage() string {
    return "KEY..."
}

func (cmd *remove) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m := license.NewManager(client)
    for _, v := range f.Args() {
        err = m.Remove(ctx, v)
        if err != nil {
            return err
        }
    }

    return nil
}

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*/
package license

import (  "context"  "flag"  "fmt"  "io"  "os"  "text/tabwriter"

  "github.com/vmware/govmomi/govc/cli"  "github.com/vmware/govmomi/govc/flags"  "github.com/vmware/govmomi/license"  "github.com/vmware/govmomi/vim25/types"
)

type assigned struct {  *flags.ClientFlag  *flags.OutputFlag

  id string
}

func init() {  cli.Register("license.assigned.ls", &assigned{})
}


  cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)  cmd.OutputFlag.Register(ctx, f)

  f.StringVar(&cmd.id, "id", ",", "Entity ID")}

}

  if err := cmd.OutputFlag.Process(ctx); err != nil { return err
}

  return nil}
func (cmd *assigned) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m, err := license.NewManager(client).AssignmentManager(ctx)
    if err != nil {
        return err
    }

    assigned, err := m.QueryAssigned(ctx, cmd.id)
    if err != nil {
        return err
    }

    return cmd.WriteResult(assignedOutput(assigned))
}

type assignedOutput []types.LicenseAssignmentManagerLicenseAssignment

func (res assignedOutput) Write(w io.Writer) error {
    tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
    fmt.Fprintf(tw, "Id:	Scope:	Name:	License:
")
    for _, v := range res {
        fmt.Fprintf(tw, "%s	", v.EntityId)
        fmt.Fprintf(tw, "%s	", v.Scope)
        fmt.Fprintf(tw, "%s	", v.EntityDisplayName)
        fmt.Fprintf(tw, "%s	", v.AssignedLicense.LicenseKey)
        fmt.Fprintf(tw, "\n")
    }
    return tw.Flush()
}

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/*

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*/
package license

import (
    "context"
    "strconv"
    "strings"
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/mo"
    "github.com/vmware/govmomi/vim25/types"
)

type Manager struct {
    object.Common
}

func NewManager(c *vim25.Client) *Manager {
    m := Manager{
        object.NewCommon(c, *c.ServiceContent.LicenseManager),
    }
    return &m
}

func mapToKeyValueSlice(m map[string]string) []types.KeyValue {
    var r []types.KeyValue
    for k, v := range m {
        r = append(r, types.KeyValue{Key: k, Value: v})
    }
    return r
}

func (m Manager) Add(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo, error) {
    req := types.AddLicense{
        This:       m.Reference(),
        LicenseKey: key,
        Labels:     mapToKeyValueSlice(labels),
    }
    res, err := methods.AddLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{}, err
    }
    return res, err
}
func (m Manager) Decode(ctx context.Context, key string) (types.LicenseManagerLicenseInfo, error) {
    req := types.DecodeLicense{
        This:   m.Reference(),
        LicenseKey: key,
    }

    res, err := methods.DecodeLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{}, err
    }

    return res.Returnval, nil
}

func (m Manager) Remove(ctx context.Context, key string) error {
    req := types.RemoveLicense{
        This:   m.Reference(),
        LicenseKey: key,
    }

    _, err := methods.RemoveLicense(ctx, m.Client(), &req)
    return err
}

func (m Manager) Update(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo, error) {
    req := types.UpdateLicense{
        This:   m.Reference(),
        LicenseKey: key,
        Labels: mapToKeyValueSlice(labels),
    }

    res, err := methods.UpdateLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{}, err
    }

    return res.Returnval, nil
}

func (m Manager) List(ctx context.Context) (InfoList, error) {
    var mlm mo.LicenseManager

    err := m.Properties(ctx, m.Reference(), []string{"licenses"}, &mlm)
    if err != nil {
        return InfoList{}, err
    }

    return mlm.InfoList, nil
}
return nil, err
}

return InfoList(mlm.Licenses), nil
}

func (m Manager) AssignmentManager(ctx context.Context) (*AssignmentManager, error) {
var mlm mo.LicenseManager

err := m.Properties(ctx, m.Reference(), []string{"licenseAssignmentManager"}, &mlm)
if err != nil {
    return nil, err
}

if mlm.LicenseAssignmentManager == nil {
    return nil, object.ErrNotSupported
}

am := AssignmentManager{
    object.NewCommon(m.Client(), *mlm.LicenseAssignmentManager),
}

return &am, nil
}

type licenseFeature struct {
    name  string
    level int
}

func parseLicenseFeature(feature string) *licenseFeature {
    iff := new(licenseFeature)
    f := strings.Split(feature, ":")

    if.name = f[0]

    if len(f) > 1 {
        var err error
        if.level, err = strconv.Atoi(f[1])
        if err != nil {
            if.name = feature
        }
    }

    return iff
}
func HasFeature(license types.LicenseManagerLicenseInfo, key string) bool {
    feature := parseLicenseFeature(key)

    for _, p := range license.Properties {
        if p.Key != "feature" {
            continue
        }

        kv, ok := p.Value.(types.KeyValue)
        if !ok {
            continue
        }

        lf := parseLicenseFeature(kv.Key)
        if lf.name == feature.name && lf.level >= feature.level {
            return true
        }
    }
    return false
}

// InfoList provides helper methods for []types.LicenseManagerLicenseInfo
type InfoList []types.LicenseManagerLicenseInfo

func (l InfoList) WithFeature(key string) InfoList {
    var result InfoList
    for _, license := range l {
        if HasFeature(license, key) {
            result = append(result, license)
        }
    }
    return result
}

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*/

package license

import {
    "context"
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/types"
}

type AssignmentManager struct {
    object.Common
}

func (m AssignmentManager) QueryAssigned(ctx context.Context, id string) ([]types.LicenseAssignmentManagerLicenseAssignment, error) {
    req := types.QueryAssignedLicenses{
        This:     m.Reference(),
        EntityId: id,
    }

    res, err := methods.QueryAssignedLicenses(ctx, m.Client(), &req)
    if err != nil {
        return nil, err
    }

    return res.Returnval, nil
}

func (m AssignmentManager) Remove(ctx context.Context, id string) error {
    req := types.RemoveAssignedLicense{
        This:     m.Reference(),
        EntityId: id,
    }

    _, err := methods.RemoveAssignedLicense(ctx, m.Client(), &req)

    return err
}

func (m AssignmentManager) Update(ctx context.Context, id string, key string, name string) (*types.LicenseManagerLicenseInfo, error) {

req := types.UpdateAssignedLicense{
    This:     m.Reference(),
    Entity:   id,
    LicenseKey: key,
    EntityDisplayName: name,
}

res, err := methods.UpdateAssignedLicense(ctx, m.Client(), &req)
if err != nil {
    return nil, err
}

return &res.Returnval, nil
}
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package simulator

import {
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
    LicenseKey: "00000-00000-00000-00000-00000",
    EditionKey: "eval",
    Name: "Evaluation Mode",
    Properties: [][]types.KeyAnyValue{
        {Key: "feature",
         Value: types.KeyValue{
             Key: "serialuri:2",
             Value: "Remote virtual Serial Port Concentrator",
         }},
        {Key: "feature",
         Value: types.KeyValue{
             Key: "dvs",
             Value: "vSphere Distributed Switch",
         }}
    }
}

type LicenseManager struct {
    mo.LicenseManager
}

func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {
    m := &LicenseManager{}
    m.Self = ref
    m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}

    if Map.IsVPX() {
        am := Map.Put(&LicenseAssignmentManager{}).Reference()
        m.LicenseAssignmentManager = &am
    }

    return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
    body := &methods.AddLicenseBody{
        Res: &types.AddLicenseResponse{}
    }

for _, license := range m.Licenses {
if license.LicenseKey == req.LicenseKey {
    body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
    return body
}
}

m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
    LicenseKey: req.LicenseKey,
    Labels:     req.Labels,
})

body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)
return body

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
    body := &methods.RemoveLicenseBody{
        Res: &types.RemoveLicenseResponse{ },
    }
    for i, license := range m.Licenses {
        if req.LicenseKey == license.LicenseKey {
            m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)
            return body
        }
    }
    return body
}

type LicenseAssignmentManager struct {
    mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault {
    body := &methods.QueryAssignedLicensesBody{
        Res: &types.QueryAssignedLicensesResponse{ },
    }
    if req.EntityId != "" {
        if req.EntityId != Map.content().About.InstanceUuid {
            id := types.ManagedObjectReference{
                Type: "HostSystem",
            }
        }
    }
}
Value: req.EntityId,
}

if Map.Get(id) == nil {
return body
}
}
}

body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
{
EntityId: req.EntityId,
AssignedLicense: EvalLicense,
},
}

return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
info := EvalLicense

info.LicenseKey = key
info.Labels = labels

return info
}

Paul Borman <borman@google.com>
bmatsuo
shawnps
theory
jboverfelt
dsymonds
cd1
wallclockbuilder
dansouza
/*
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*/

package license

import (
    "context"
    "flag"
    "fmt"

    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
    "github.com/vmware/govmomi/govmomi/vim25/types"
)

type add struct {
    *flags.ClientFlag
    *flags.OutputFlag
}

func init() {
    cli.Register("license.add", &add{})
}

func (cmd *add) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)
}

func (cmd *add) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *add) Usage() string {
    return "KEY..."
}
func (cmd *add) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m := license.NewManager(client)

    // From the vSphere 5.5 documentation:
    //
    // To specify the edition type and any optional functions, use
    // updateLicense for ESX Server and addLicense follow by
    // LicenseAssignmentManager.updateAssignedLicense for VirtualCenter.
    //
    var addFunc func(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo, error)
    switch t := client.ServiceContent.About.ApiType; t {
    case "HostAgent":
        addFunc = m.Update
    case "VirtualCenter":
        addFunc = m.Add
    default:
        return fmt.Errorf("unsupported ApiType: %s", t)
    }

    result := make(licenseOutput, 0)
    for _, v := range f.Args() {
        license, err := addFunc(ctx, v, nil)
        if err != nil {
            return err
        }
        result = append(result, license)
    }

    return cmd.WriteResult(licenseOutput(result))
}

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package license

import (
    "context"
    "flag"

    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
    "github.com/vmware/govmomi/vim25/types"
)

type assign struct {
    *flags.ClientFlag
    *flags.OutputFlag
    *flags.HostSystemFlag
    *flags.ClusterFlag

    name   string
    remove bool
}

func init() {
    cli.Register("license.assign", &assign{ })
}

func (cmd *assign) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)
    cmd.HostSystemFlag, ctx = flags.NewHostSystemFlag(ctx)
    cmd.HostSystemFlag.Register(ctx, f)
    cmd.ClusterFlag, ctx = flags.NewClusterFlag(ctx)
    cmd.ClusterFlag.Register(ctx, f)

    f.StringVar(&cmd.name, "name", "", "Display name")
    f.BoolVar(&cmd.remove, "remove", false, "Remove assignment")
}
func (cmd *assign) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.HostSystemFlag.Process(ctx); err != nil {
        return err
    }
    return cmd.ClusterFlag.Process(ctx)
}

func (cmd *assign) Usage() string {
    return "KEY"
}

func (cmd *assign) Description() string {
    return `Assign licenses to HOST or CLUSTER.
Examples:
govc license.assign $VCSA_LICENSE_KEY
govc license.assign -host a_host.example.com $ESX_LICENSE_KEY
govc license.assign -cluster a_cluster $VSAN_LICENSE_KEY`
}

func (cmd *assign) Run(ctx context.Context, f *flag.FlagSet) error {
    if f.NArg() != 1 {
        return flag.ErrHelp
    }
    key := f.Arg(0)

    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m, err := license.NewManager(client).AssignmentManager(ctx)
    if err != nil {
        return err
    }

    host, err := cmd.HostSystemIfSpecified()
    if err != nil {
        return err
    }

var id string

if host == nil {
    cluster, cerr := cmd.ClusterIfSpecified()
    if cerr != nil {
        return cerr
    }
    if cluster == nil {
        // Default to vCenter UUID
        id = client.ServiceContent.About.InstanceUuid
    } else {
        id = cluster.Reference().Value
    }
} else {
    id = host.Reference().Value
}

if cmd.remove {
    return m.Remove(ctx, id)
}

info, err := m.Update(ctx, id, key, cmd.name)
if err != nil {
    return err
}
return cmd.WriteResult(licenseOutput([]types.LicenseManagerLicenseInfo{*info}))

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*/

package license

import (
    "context"
)
var featureUsage = "List licenses with given feature"

type ls struct {
*flags.ClientFlag
*flags.OutputFlag

feature string
}

func init() {
cli.Register("license.ls", &ls{})
}

func (cmd *ls) Register(ctx context.Context, f *flag.FlagSet) {
cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
cmd.ClientFlag.Register(ctx, f)

cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
cmd.OutputFlag.Register(ctx, f)

f.StringVar(&cmd.feature, "feature", "", featureUsage)
}

func (cmd *ls) Process(ctx context.Context) error {
if err := cmd.ClientFlag.Process(ctx); err != nil {
    return err
}
if err := cmd.OutputFlag.Process(ctx); err != nil {
    return err
} else {
    return nil
}

func (cmd *ls) Run(ctx context.Context, f *flag.FlagSet) error {
client, err := cmd.Client()
if err != nil {
    return err
}

m := license.NewManager(client)
result, err := m.List(ctx)
if err != nil {
    return err
}

if cmd.feature != "" {
    result = result.WithFeature(cmd.feature)
}

return cmd.WriteResult(licenseOutput(result))

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

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# Contributions to the urllib3 project

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## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>  
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>  
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>  
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
* Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <http://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
* Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * 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()```

* Predrag Gruevski <https://github.com/obi1kenobi>
* Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
* Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
* Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
* Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
* Bugfix related to reusing connections in indeterminate states.

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

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1.1002 javax-ws-rs-api 2.0.1

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1.1004 openjdk 1.8.0u121

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 * setDefaultCloseOperation(_AU.java1.3 98/01/13
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/*
 * @(#)ParameterDescriptor.java	1.10 98/07/01
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/*
 * @(#)Acl.java	1.15 99/02/09
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/FilterInputStream.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)PropertyResourceBundle.java 1.8 97/12/05
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/*
 * @(#)FieldPosition.java 1.8 97/01/29
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/*
* @(#)EOFException.java1.4 98/07/01
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/*
* @(#)LocaleElements_cs.java1.8 98/01/13
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No license file was found, but licenses were detected in source scan.

/*
* @(#)ZipConstants.java	1.10 96/11/24
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/
* @(#)PlainDatagramSocketImpl.java.1.10 98/07/01
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/
* @(#)VisualTest.java.1.13 98/07/01
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/*
 * @(#)RMISocketFactory.java 1.6 98/07/01
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 * @(#)InternalError.java 1.14 98/07/01
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/*
 * @(#)FocusAdapter.java 1.7 98/07/01
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/ *
* @(#)ObjectStreamConstants.java1.12 98/07/01
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/ *
* @(#)InterruptedException.java1.8 98/07/01
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/*
 * @(#)LocateRegistry.java 1.8 98/07/01
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 * @(#)DateFormatZoneData_be.java 1.5 97/12/05
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/*
 * @(#)StackOverflowError.java1.14 98/07/01
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/*
 * @(#)LocaleElements_es_DO.java1.2 98/01/13
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* @(#)DataOutputStream.java	1.24 98/07/01
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/*
* @(#)ExceptionInInitializerError.java	1.3 98/07/01
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 * @(#)Unreferenced.java 1.4 98/07/01
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 * @(#)BufferedOutputStream.java 1.21 98/07/01
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 * @(#)DateFormatZoneData_ro.java 1.5 97/12/05
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/ *
* @(#)SkeletonMismatchException.java1.4 98/08/12
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/*
* @(#)EventObject.java 1.6 98/07/01
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/*
* @(#)LayoutManager2.java 1.6 98/07/01
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    /*
     * @(#)SocketImpl.java1.24 00/08/09
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    /*
     * @(#)Byte.java1.8 98/07/01
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    /*
     * @(#)LocaleElements_es_NI.java1.2 98/01/13
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master/src/java/text/resources/LocaleElements_es_NI.java
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/*
* @(#)Serializable.java 1.7 98/07/01
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master/src/java/io/Serializable.java
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/*
* @(#)Choice.java 1.48 98/07/01
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/*
* @(#)LocaleElements_uk.java 1.10 98/01/13
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/*
* @(#)SignatureException.java.16 98/07/01
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* @(#)RandomAccessFile.java.34 98/07/01
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/*
* @(#)DateFormatZoneData_it_CH.java.4 97/12/05
*/
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/*
 * @(#)DateFormatZoneData_it.java 1.5 97/12/05
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 * @(#)PreparedStatement.java 1.9 98/07/01
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/*
* @(#)Date.java	1.6 98/07/01
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* @(#)ImageFilter.java	1.18 98/07/01
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 *@(#)CharArrayReader.java 1.8 98/07/01
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 *@(#)SimpleDateFormat.java 1.32 99/03/15
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 * @(#)SimpleTimeZone.java	1.19 98/10/22
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/*
 * @(#)DigestException.java	1.9 99/02/09
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/*
 * @(#)KeyPairGenerator.java 1.11 98/07/01
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 * @(#)ObjectInput.java 1.11 99/01/22
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 * @(#)LocaleElements_pt_BR.java 1.2 98/01/13
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/ *
* MouseMotionAdapter.java 1.5 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/RuntimeException.java
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* @(#)DateFormatZoneData_sr.java	1.5 97/12/05
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* @(#)LocaleElements_de_DE_EURO.java	1.1 98/07/07
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 * @(#)Checkbox.java 1.42 98/07/01
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/*
 * @(#)TTY.java 1.81 98/12/02
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/*
* @(#)PropertyEditorManager.java 1.27 98/07/01
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/*
* @(#)ContainerAdapter.java 1.3 98/07/01
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/*
 * @(#)ReplicateScaleFilter.java 1.3 98/07/01
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/*
 * @(#)DateFormatZoneData_mk.java 1.4 97/12/05
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*/
* @(#)TextEvent.java 1.5 98/07/01
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*/
* @(#)RemoteCall.java 1.7 98/07/01
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*/
* @(#)BufferedWriter.java 1.13 98/07/01
*
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  master/src/java/io/BufferedWriter.java
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/*
* @(#)LocaleElements_de_CH.java 1.11 98/01/13
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/*
 * @(#)LocaleElements_hr.java 1.8 98/01/13
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/*
 * @(#)CollationRules.java 1.16 98/07/07
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/*
   @(#)LocaleElements_en.java 1.7 98/01/13
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* @(#)DateFormatZoneData_es.java	1.5 97/12/05
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/*
* @(#)DateFormatZoneData_sh.java	1.5 97/12/05
*
master/src/java/awt/BorderLayout.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)PrintJob.java 1.6 98/07/01
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 master/src/java/awt/PrintJob.java
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 * @(#)MethodDescriptor.java 1.17 98/07/01
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 master/src/java/beans/MethodDescriptor.java
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/*
 * @(#)Naming.java 1.6 98/11/30
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*/
* @(RMIFailureHandler.java)1.4 98/07/01
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*/
* @(NoSuchObjectException.java)1.4 98/08/12
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/*
 * @(#)MenuItem.java 1.49 98/12/09
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/*
 * @(#)MessageFormat.java 1.15 97/01/29
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*/
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*/
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*/
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* @(#)DigestInputStream.java1.29 99/02/09
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* @(#)DateFormatZoneData_cs.java 1.5 97/12/05
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 * @(#)DataTruncation.java 1.6 98/07/01
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/*
 * @(#)VirtualMachineError.java 1.7 98/07/01
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 * @(#)EventQueueListener.java 1.2 98/07/01
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/**
 * @(#)Toolkit.java 1.74 98/12/09
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/**
 * @(#)MenuBarPeer.java 1.7 98/07/01

---

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/*
 * @(#)GridLayout.java	1.20 99/01/22
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 * @(#)URL.java	1.44 98/07/01
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/*
 * @(#)ContainerPeer.java	1.7 98/07/01
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* @(#)LinkageError.java 1.6 98/07/01
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/*
* @(#)ParsePosition.java 1.6 97/02/06
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* @(#)Hashtable.java1.42 98/07/01
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/*
* @(#)LocaleElements_pt_PT_EURO.java1.1 98/07/07
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/*
 * @(#)Member.java	1.5 98/07/01
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 * @(#)EventQueue.java	1.23 98/12/10
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 * @(#)CheckboxGroup.java	1.21 98/07/01
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* @(#)Void.java 1.4 98/07/01
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* @(#)LocaleElements_es_CR.java 1.2 98/01/13
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 * @(#)Locale.java  1.21 97/01/29
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/*
 * @(#)Class.java	1.57 98/07/01
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* @(#)LogStream.java	1.8 98/07/01
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/*
* @(#)ContainerListener.java	1.2 98/07/01
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/*
 * @(#)StringTokenizer.java	1.16 98/07/01
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/*
 * @(#)CharacterIterator.java	1.7 97/01/20
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/*
* @(#)DateFormatZoneData_lt.java 1.5 97/12/05
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/*
* @(#)Constructor.java 1.14 98/07/01
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* @{$(}MenuPeer.java.7 98/07/01
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* @{$(}ClassFormatError.java.13 98/07/01
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 * @(#)ObjectOutputStream.java 1.36 98/07/01
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*/
* @(#)ComponentPeer.java.23 98/07/01
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*/
* @(#)DirectColorModel.java.15 98/07/01
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*/
* @(#)PrintWriter.java.13 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/NoSuchFieldException.java
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/*
* @(#)ResultSet.java 1.8 98/07/01
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/*
* @(#)DeflaterOutputStream.java 1.17 97/01/30
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 * @(#)TooManyListenersException.java.1.2 98/07/01
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 * @(#)ThreadGroup.java.1.36 99/01/22
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 * @(#)Date.java.1.52 00/02/10
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 * @(#)DSAPublicKey.java 1.8 99/02/09
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/*
 * @(#)LocaleElements_es_BO.java 1.2 98/01/13
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*/
* @(#)Frame.java1.77 98/07/01
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*/
* @(#)LightweightPeer.java1.3 98/07/01
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/*
* @(#)Dimension.java 1.14 98/07/01
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/*
* @(#)NoSuchElementException.java 1.14 98/07/01
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/
* @(#)LocaleElements_en_GB.java 1.7 98/01/13
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* master/src/java/text/resources/LocaleElements_en_GB.java

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/*
* @(#)DecimalFormatSymbols.java 1.17 98/02/19
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@(#)VerifyError.java 1.6 98/07/01
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@(#)DSAPrivateKey.java 1.4 98/07/01
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*/
* @(#)LocaleElements_sl.java 1.9 98/01/13
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* @(#)DateFormatZoneData_uk.java 1.5 97/12/05
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master/src/java/text/resources/DateFormatZoneData_uk.java

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* @(#)NumberFormatException.java	1.12 98/07/01
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 * @(#)ClipboardOwner.java 1.3 98/07/01
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 * @(#)LocaleElements_fr_CA.java 1.7 98/01/13
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* @(#)Array.java 1.4 98/07/01
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/*
* @(#)KeyPair.java 1.6 99/02/09
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* @(#)Owner.java 1.9 98/07/01
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* @(#)LocaleElements_mk.java 1.11 98/01/13
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 * @(#)FileNotFoundException.java	1.12 98/07/01
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master/src/java/io/FileNotFoundException.java
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/*
 * @(#)UTFDataFormatException.java	1.4 98/07/01
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master/src/java/io/UTFDataFormatException.java
/*
* @(#)Polygon.java	1.18 98/07/01
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/*
* @(#)ClassCastException.java	1.13 98/07/01
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/*
* @(#)NumberFormat.java	1.36 98/10/05
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 * @(#)Runtime.java 1.28 00/04/06
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/*
 * @(#)BreakIterator.java 1.15 98/01/12
 */
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/\n* @(#)InvocationTargetException.java 1.4 98/07/01
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master/src/java/lang/reflect/InvocationTargetException.java

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/\n* @(#)DateFormatZoneData_ja.java 1.6 98/03/05
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/*
* @(#)UnknownServiceException.java1.7 98/07/01
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/*
* @(#)DateFormatZoneData_tr.java1.5 97/12/05
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 * @(#)DateFormatZoneData_sq.java	1.5 97/12/05
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* @(#)Customizer.java 1.12 98/07/01
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* @(#)MouseMotionListener.java 1.3 98/07/01
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* @(#)KeyManagementException.java 1.8 99/02/09
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/
* @(#)ExportException.java 1.4 98/08/12
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/
* @(#)ObjectStreamField.java 1.10 98/07/01
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* @(#)GZIPOutputStream.java1.11 97/01/24
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*/
* @(#)PipedInputStream.java1.19 98/07/01
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  * @(#)IllegalAccessException.java	1.4 98/07/01
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 * @(#)DateFormatZoneData_en_IE.java 1.5 98/01/12
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* @(#)IndexOutOfBoundsException.java 1.4 98/07/01
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* @(#)LocaleElements_ru.java 1.12 98/10/07
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*/

*/

* @(#)DateFormatZoneData_en_GB.java 1.6 98/01/12
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*/

* @(#)LocaleElements_es_GT.java 1.2 98/01/13
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/*
* @(#)LocaleElements_fi_FI_EURO.java1.1 98/07/07
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* @(#)ItemEvent.java1.14 98/07/01
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/*
 * @(#)InstantiationError.java	1.5 98/07/01
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/*
 * @(#)StubNotFoundException.java	1.4 98/08/12
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/*
 * @(#)DatagramSocket.java 1.26 98/07/01
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* master/src/java/net/DatagramSocket.java

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/*
 * @(#)DateFormatZoneData_de_AT.java 1.4 97/12/05
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/*
 */

* @(#)FileReader.java 1.5 98/07/01
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/*
 */

* @(#)MarshalException.java 1.4 98/08/12
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/*
 */

* @(#)LocaleElements_en_ZA.java 1.2 98/01/13
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* @(#)LocaleElements_nl_BE.java	1.6 98/01/13
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 * @(#)MediaTracker.java	1.27 98/07/01
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 * @(#)ComponentEvent.java	1.15 98/07/01
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/*
 * @(#)ServerException.java	1.4 98/08/12
 */
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 * @(#)DateFormatZoneData_zh_TW.java 1.4 97/12/05
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 * @(#)BigInteger.java 1.11 99/02/09
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/*
 *@(#)BindException.java 1.6 98/07/01
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master/src/java/net/BindException.java
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/*
 *@(#)Introspector.java 1.73 98/07/08
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master/src/java/beans/Introspector.java
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/*
 *@(#)Label.java 1.31 98/07/01
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/*
* @(#)LocaleElements_el.java 1.12 98/01/13
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/*
* @(#)GZIPInputStream.java	1.15 97/01/20
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  master/src/java/util/zip/GZIPInputStream.java
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/*
* @(#)FocusListener.java	1.6 98/07/01
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  master/src/java/awt/event/FocusListener.java
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/*
* @(#)LocaleElements_it_CH.java	1.8 98/01/13
*/
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_it_CH.java
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/*
 * @(#)LocaleElements_es_SV.java1.2 98/01/13
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/*
 * @(#)LocaleElements_fr.java1.7 98/01/13
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/*
* @(#)UnicodeClassMapping.java 1.7 98/01/12
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*/
op/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/UnicodeClassMapping.java
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/**
 * @(#)Stack.java 1.17 98/07/01
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/**
 * @(#)LocaleElements.java 1.21 98/07/07
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/*
 * @(#)AdjustmentEvent.java 1.12 98/07/01
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/*
 * @(#)ItemListener.java 1.7 98/07/01
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/*
* @(#)RemoteObject.java 1.8 98/08/12
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* @(#)Types.java 1.5 98/07/01
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/*
 * @(#)SocketOptions.java 1.6 98/07/01
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 * @(#)ActiveEvent.java 1.2 98/07/01
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/*
 * @(#)AWTEventMulticaster.java 1.13 98/07/01
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*/
* @(#)TextArea.java1.42 98/08/13
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*/
* @(#)DateFormatZoneData_bg.java1.5 97/12/05
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* @(#)SkeletonNotFoundException.java 1.4 98/08/12
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* @(#)SocketImplFactory.java 1.9 98/07/01
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 * @(#)RMISecurityException.java 1.4 98/08/12
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/*
 * @(#)DateFormatZoneData.java	1.6 97/10/28
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 * @(#)Enumeration.java.12 98/07/01
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 * @(#)AppletContext.java.23 98/07/01
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/*
 * @(#)LocaleElements_fr_LU.java.1 98/07/07
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 * @(#)BeanInfo.java 1.19 98/07/01
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/*
 * @(#)DateFormatZoneData_de.java 1.5 97/12/05
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* @(#)List.java 1.62 99/01/22
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*/
* @(#)FocusEvent.java 1.15 98/07/01
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* @(#)Lease.java 1.4 98/08/12
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* @(#)MemoryImageSource.java 1.19 98/07/01
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 * @(#)ZipException.java 1.5 96/11/23
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 * @(#)ComponentAdapter.java.7 98/07/01
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/*
 * @(#)PropertyVetoException.java.7 98/07/01
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 * @(#)Color.java.34 98/07/01
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* @(#)LineBreakData.java1.8 98/01/12
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* @(#)CanvasPeer.java 1.5 98/07/01
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* @(#)Integer.java1.43 98/07/07
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 * @(#)IndexColorModel.java 1.16 98/07/01
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* @(#)FilterWriter.java 1.6 98/07/01
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 * @(#) UnsupportedFlavorException.java 1.4 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_es_UY.java
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/*
* @(#)PrivateKey.java 1.15 98/07/01
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/*
* @(#)PublicKey.java 1.19 98/07/01
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*/
* @(#)LocaleElements_es_ES_EURO.java 1.1 98/07/07
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*/
* @(#)ItemSelectable.java 1.5 98/07/01
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*/
* @(#)Exception.java 1.23 98/07/01
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/*
 * @(#)InvalidClassException.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_es_HN.java 1.2 98/01/13
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/*
 * @(#)Menu.java 1.41 98/08/21
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)DateFormatZoneData_sv.java 1.5 97/12/05
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/*
 * @(#)PropertyEditorSupport.java 1.7 98/07/01
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/*
 * @(#)MouseListener.java 1.7 98/07/01
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/*
* @(#)Collator.java 1.14 98/08/19
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/*
* @(#)Applet.java 1.43 98/07/01
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/*
* @(#)Adjustable.java 1.6 98/07/01
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/*
* @(#)Container.java 1.156 99/03/16
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master/src/java/awt/Container.java
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/*! *
 * @(#)LocaleElements_da.java 1.7 98/01/13 *
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master/src/java/text/resources/LocaleElements_da.java
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/*! *
 * @(#)PropertyChangeSupport.java 1.13 98/07/01 *
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/*
 * @(#{)Signer.java 1.24 98/07/01
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/*
 * @(#{)GridBagLayout.java 1.24 98/07/01
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* @(#)Modifier.java 1.6 98/07/01

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* @(#)LocaleElements_es_EC.java 1.2 98/01/13
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* @(#)LocaleElements_es_EC.java 1.3 98/01/13
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/*
 * @(#)LocaleElements_en_IE_EURO.java 1.1 98/07/07
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/LocaleElements_en_IE_EURO.java
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 * @(#)FileInputStream.java 1.34 98/07/01
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No license file was found, but licenses were detected in source scan.

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 * @(#)SecureRandom.java 1.19 98/08/06
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 * @(#)DSAKey.java 1.7 99/02/09
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/*
 * @(#)AWTError.java 1.8 98/07/01
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/*
* @(#)MessageDigest.java	1.34 98/07/01
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/*
* @(#)Point.java	1.14 98/07/01
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/*
* @(#)CheckedInputStream.java	1.10 96/11/23
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 * @(#)ObjID.java 1.9 98/12/21
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/*
 * @(#)TextFieldPeer.java 1.8 98/07/01
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/*
* @(#)Insets.java 1.14 98/07/01
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/*
* @(#)OutOfMemoryError.java 1.14 98/07/01
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/*
 * @(#)KeyAdapter.java 1.7 98/07/01
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/*
 * @(#)CompactIntArray.java 1.10 97/10/28
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/*
* @(#)DialogPeer.java 1.5 98/07/01
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/*
* @(#)Float.java 1.40 98/07/01
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/*
 * @(#)SocketException.java 1.9 98/07/01
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 * @(#)ChoiceFormat.java 1.11 97/02/06
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/*
 * @(#)DateFormatZoneData_sl.java 1.5 97/12/05
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/
* @(#)DateFormatZoneData_ca.java 1.5 97/12/05
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 * @(#)Connection.java 1.6 98/07/01
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/*
 * @(#)ArrayIndexOutOfBoundsException.java 1.14 98/07/01
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/*
 * @(#)DateFormatZoneData_ar.java 1.5 97/12/05
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*/
* @(#)FontPeer.java 1.3 98/07/01
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* @(##)IllegalAccessError.java1.9 98/07/01
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* @(##)CheckedOutputStream.java1.9 96/11/23
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* @(#)Graphics.java 1.43 98/08/19
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* @(#)CharArrayWriter.java 1.7 98/07/01
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* @(#)DataOutput.java 1.7 98/07/01
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* @(#)InterruptedIOException.java	1.8 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/InterruptedIOException.java
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/*
 * @(#)InvalidParameterException.java 1.12 99/02/09
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/*
 * @(#)ImageConsumer.java 1.13 98/07/01
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/*
 * @(#)ContentHandler.java 1.8 98/07/01
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/*
* @(#)NegativeArraySizeException.java 1.12 98/07/01
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/*
* @(#)AbstractMethodError.java 1.11 98/07/01
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/*
 * @(#)AdjustmentListener.java 1.6 98/07/01
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/*
 * @(#)CRC32.java 1.11 97/01/27
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/*
 * CheckPoint.java 1.8 98/07/01
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 * @(#)DateFormatZoneData_nl.java 1.5 97/12/05
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*/opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/resources/DateFormatZoneData_nl.java
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/*
* @(#)NullPointerException.java 1.12 98/07/01
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/*
* @(#)MalformedURLException.java 1.9 98/07/01
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/*
 * @(#)BitSet.java 1.27 98/07/01
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/*
 * @(#)Event.java 1.58 98/07/01
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/*
 * @(#)LocaleElements_no.java 1.8 98/01/13
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/*
* @(#)Timestamp.java 1.13 98/07/01
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/*
* @(#)KeyEvent.java 1.26 98/07/01

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/security/acl/LastOwnerException.java
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*/

* @(#)DateFormatZoneData_pt.java 1.5 97/12/05
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* @(#)Writer.java 1.9 98/07/01
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/*
* @(#)Dialog.java 1.44 00/02/10
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/*
* @(#)EventSetDescriptor.java 1.40 98/07/01
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/*
 * @(#)ObjectInputStream.java 1.41 98/07/09
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 * @(#)IndexedPropertyDescriptor.java 1.24 98/07/01
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 * @(#)LocaleElements_es_PY.java 1.2 98/01/13
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* @(#)ClassLoader.java 1.62 00/02/11
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/*/  
* @(#)SyncFailedException.java 1.6 98/07/01
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/
* @(#)ClassNotFoundException.java 1.4 98/08/12
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* @(#)FileWriter.java 1.5 98/07/01
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master/src/java/text/resources/DateFormatZoneData_zh.java
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/*/  
* @(#)ServerRuntimeException.java 1.5 98/08/12
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master/src/java/rmi/ServerRuntimeException.java
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/*/  
* @(#)UnsatisfiedLinkError.java 1.14 98/07/01
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/*
 * @(#)NoClassDefFoundError.java	1.13 98/07/01
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/*
 * @(#)LocaleElements_fr_CH.java	1.8 98/01/13
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* master/src/java/text/resources/LocaleElements_fr_CH.java
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/*
* @(#)DateFormatZoneData_no.java.5 97/12/05
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/*
  * @(#)StreamTokenizer.java	1.21 98/07/01
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/*
  * @(#)NoSuchMethodError.java	1.13 98/07/01
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/*
  * @(#)Group.java	1.11 98/07/01
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/*
 * @(#)Shape.java 1.4 98/07/01
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/*
 * @(#)CollationKey.java 1.4 97/01/28
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/**
 * @(#)FilteredImageSource.java 1.18 98/07/01
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/**
 * @(#)WindowAdapter.java 1.8 98/07/01
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/*
 * @(#)RMIClassLoader.java 1.11 98/07/01
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/*
 * @(#)Random.java 1.17 98/07/01
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/*
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/*
* @(#)IllegalThreadStateException.java	1.14 98/07/01
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/*
* @(#)URLConnection.java	1.33 98/08/17
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/*
* @(#)LocaleElements_is.java 98/01/13
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/*
* @(#)LocaleElements_tr.java 98/09/29
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 * @(#)LocaleElements_sr.java 1.10 98/01/13
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* @(#)LocaleElements_it_IT_EURO.java 1.2 98/10/09
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* @(#)DateFormatZoneData_ru.java 1.5 97/12/05
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/ *
* @(#)Signature.java 1.49 98/07/01
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* @(#)Beans.java 1.31 98/07/01
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* @{$#}LocaleElements_hu.java1.9 98/01/13
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* @{$#}ComponentListener.java1.7 98/07/01
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/ *
* @(#)VetoableChangeListener.java 1.7 98/07/01
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/ *
* @(#)LocaleElements_iw.java 1.6 98/01/13
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/sql/SQLWarning.java
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/*
 * @(#)SQLWarning.java 1.6 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)Visibility.java 1.6 98/07/01
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/*
 * @(#)ServerError.java	1.4 98/08/12
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/*
 * @(#)ObjectStreamClass.java	1.41 98/07/09
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Found in path(s):
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/event/ContainerEvent.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-zip/Java-JDK-1.0-src-master/src/java/awt/FileNameMap.java
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/ *
* @(#)UID.java 1.6 98/08/12
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/ *
* @(#)ServerRef.java 1.5 98/08/12
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/*
 * @(#)Certificate.java	1.16 98/07/01
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 * @(#)BigDecimal.java	1.10 99/02/09
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 * @(#)StreamCorruptedException.java 1.5 98/07/01
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 * @(#)ServerNotActiveException.java 1.5 98/08/12
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master/src/java/io/OptionalDataException.java
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/*
 * @(#)DateFormatZoneData_en.java	1.7 98/01/12
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 * @(#)CardLayout.java 1.22 98/07/01
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 * @(#)ScrollPanePeer.java 1.7 98/07/01
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/*
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 * @(#)LocaleElements_es_VE.java 1.2 98/01/13
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/*
 * @(#)PipedOutputStream.java 1.15 98/07/01
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* @(#)Field.java1.10 98/07/01
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)ObjectStreamException.java 1.5 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/io/ObjectStreamException.java
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/*
 * @(#)Boolean.java 1.28 98/07/07
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No license file was found, but licenses were detected in source scan.

/*
 * @(#)FloatingDecimal.java 1.10 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/rmi/RMISecurityManager.java
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/*
 * @(#)MenuShortcut.java 1.10 98/07/01
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/*
 * @(#)InetAddress.java 1.46 98/07/27
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master/src/java/net/InetAddress.java
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/*
 * @(#)UnsupportedEncodingException.java 1.7 98/07/01
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/*
 * @(#)LocaleElements_es.java 1.10 98/01/14
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/*
* @(#)AudioClip.java 1.10 98/07/01
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/*
* @(#)DatagramSocketImpl.java 1.11 98/07/01
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/*
 * @(#)System.java 1.73 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/lang/System.java

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/*
 * @(#)Time.java 1.7 98/07/01
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/*
 * @(#)DriverManager.java 1.6 98/07/01
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/ *
* @(#)Cloneable.java 1.5 98/07/01
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/ *
* @(#)DSAParams.java 1.9 98/07/01
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/*
 * @(#)DecompositionIterator.java	1.18 97/12/05
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1.0-src-master-zip/Java-JDK-1.0-src-master/src/java/text/DecompositionIterator.java

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/*
 * @(#)Cursor.java	1.6 98/07/01
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/*
* @(#)PropertyDescriptor.java	1.37 98/07/01
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/*
* @(#)CheckboxMenuItem.java	1.31 98/08/21
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/*
* @(#)DateFormatZoneData_no_NO_NY.java	1.4 97/12/05
*/
No license file was found, but licenses were detected in source scan.

/*
* @(#)ListResourceBundle.java 1.8 98/01/12
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master/src/java/util/ListResourceBundle.java

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/*
* @(#)EventListener.java 1.5 98/07/01
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/*
* @(#)AreaAveragingScaleFilter.java	1.4 98/07/01
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/*
* @(#)AlreadyBoundException.java	1.4 98/08/12
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Found in path(s):
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/*
 * @(#)NotOwnerException.java1.7 98/07/01
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/*
 * @(#)ConnectException.java1.6 98/07/01
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 * @(#)PipedWriter.java1.6 98/07/01
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/*
* @(#)RuleBasedCollator.java 1.21 98/02/12
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/*
 * @(#)NoSuchProviderException.java 1.12 99/02/09
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/*/n
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/*
* @(#)TextField.java 1.46 98/08/13
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* @(#)LocaleElements_pl.java 1.9 98/01/13
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 * @(#)DigitList.java 1.13 98/01/12
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* @(#)ZipInputStream.java1.11 97/01/24
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/*
* @(#)EventDispatchThread.java 1.20 00/02/10
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/*
* @(#)VetoableChangeSupport.java 1.14 98/07/01
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/*
* @(#)Registry.java 1.6 98/07/01
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/ *
* @(#)LocaleElements_fr_FR_EURO.java1.1 98/07/07
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/ *
* @(#)PaintEvent.java1.7 98/07/01
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* @(#)DatabaseMetaData.java1.9 98/07/01
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/*
 * @(#)OutputStreamWriter.java	1.12 98/12/14
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/*
 * @(#)Window.java	1.78 98/10/06
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master/src/java/awt/Window.java
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/**
 * @(#)NotActiveException.java 1.6 98/07/01
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/**
 * @(#)DateFormatZoneData_hu.java 1.5 97/12/05
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    /*
    * @(#)InvalidKeyException.java 1.6 98/07/01
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    * @(#)WindowListener.java 1.7 98/07/01
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    /*
* @(#)PopupMenu.java 1.15 99/03/31
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* @(#)ByteArrayOutputStream.java 1.24 98/07/01
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/*
* @(#)Rectangle.java 1.28 98/07/01
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/ *
* @(#)ChoicePeer.java 1.8 98/07/01
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* @(#)FilenameFilter.java 1.15 98/07/01
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/ *
* @(#)LocaleElements_fi.java 1.7 98/01/13
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 * @(#)URLEncoder.java 1.12 98/07/01
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*/
/**
 * <code>DateFormatSymbols</code> is a public class for encapsulating
 * localizable date-time formatting data, such as the names of the
 * months, the names of the days of the week, and the time zone data.
 * <code>DateFormat</code> and <code>SimpleDateFormat</code> both use
 * <code>DateFormatSymbols</code> to encapsulate this information.
 *
 * Typically you shouldn't use <code>DateFormatSymbols</code> directly.
 * Rather, you are encouraged to create a date-time formatter with the
 * <code>DateFormat</code> class's factory methods: <code>getTimeInstance</code>,
 * <code>getInstance</code> or <code>getInstance</code>. These methods automatically create a <code>DateFormatSymbols</code> for
 * the formatter so that you don't have to. After the
 * formatter is created, you may modify its format pattern using the
 * <code>setPattern</code> method. For more information about
 * creating formatters using <code>DateFormat</code>'s factory methods,
 * see <a href="java.text.DateFormat.html"><code>DateFormat</code></a>.
 *
 * If you decide to create a date-time formatter with a specific
 * format pattern for a specific locale, you can do so with:
 * <blockquote>
 * <pre>
 * new SimpleDateFormat(aPattern, new DateFormatSymbols(aLocale)).
 * </pre>
 * </blockquote>
 *
* <p>
* <code>DateFormatSymbols</code> objects are clonable. When you obtain
* a <code>DateFormatSymbols</code> object, feel free to modify the
* date-time formatting data. For instance, you can replace the localized
* date-time format pattern characters with the ones that you feel easy
* to remember. Or you can change the representative cities
* to your favorite ones.
* 
* * <p>
* New <code>DateFormatSymbols</code> subclasses may be added to support
* <code>SimpleDateFormat</code> for date-time formatting for additional locales.

* @see       DateFormat
* @see       SimpleDateFormat
* @see       java.util.SimpleTimeZone
* @version   1.20 01/12/98
* @author    Chen-Lieh Huang
*/

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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/java-jdk-1.0-src-master/src/java/text/resources/LocaleElements_es_PR.java
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/*
* @(#)WindowPeer.java 1.4 98/07/01
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/java-jdk-1.0-src-master/src/java/awt/peer/WindowPeer.java
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/*
* @(#)CompactCharArray.java 1.9 97/10/28
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/*
* @(#)DateFormatZoneData_ko.java 1.4 97/12/05
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/*
 * @(#)IllegalMonitorStateException.java	1.5 98/07/01
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*/
* @(#)PanelPeer.java 1.5 98/07/01
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No license file was found, but licenses were detected in source scan.

*/
* @(#)LocaleElements_lv.java 1.7 98/01/13
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  master/src/java/text/resources/LocaleElements_lv.java
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/*
* @(#)Vector.java 1.39 98/07/01
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  master/src/java/util/Vector.java
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/*
* @(#)LocaleElements_sq.java 1.8 98/01/14
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* /opt/ws_local/PERMITS_SQL/1032008538_1594815385.99/0/java-jdk-1-0-src-master-s
master/src/java/text/resources/LocaleElements_zh.java
No license file was found, but licenses were detected in source scan.

/*
 * @(#)StringBuffer.java	1.36 98/10/28
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master/src/java/lang/StringBuffer.java
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/*
 * @(#)NoSuchFieldError.java	1.5 98/07/01
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master/src/java/lang/NoSuchFieldError.java
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* @(#)DriverPropertyInfo.java.1.6 98/07/01
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/*
* @(#)Format.java.1.15 97/02/12
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/*
 * @(#)KeyException.java 1.10 99/02/09
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/*
 * @(#)StringReader.java 1.6 98/07/01
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/*
 * @(#)WriteAbortedException.java 1.4 98/07/01
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/*
* @(#)BufferedInputStream.java	1.27 98/07/01
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/*
* @(#)SeedGenerator.java	1.10 99/02/09
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/*
 * @(#)ButtonPeer.java 1.6 98/07/01
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/*
 * @(#)LocaleElements_no_NO_NY.java 1.5 98/01/13
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/ *
* @(#)DateFormatZoneData_th.java	1.1 98/01/08
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/ *
* @(#)UnmarshalException.java1.4 98/08/12
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* @(#)TimeZone.java 1.29 99/01/25
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/*
* @(#)DateFormatZoneData_pl.java	1.5 97/12/05
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* @(#)Long.java	1.34 98/07/07
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* @(#)RegistryHandler.java 1.3 98/07/01
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* @(#)LineNumberReader.java 1.6 98/07/01
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/*
 * @(#)PushbackReader.java 1.8 98/07/01
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/*
 * @(#)StringIndexOutOfBoundsException.java 1.14 98/07/01
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/*
 * @(#)AclEntry.java 1.9 98/07/01
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/*
* @(#)LocaleElements_en_NZ.java 1.3 98/01/13
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/*
* @(#)Image.java 1.24 98/07/01
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*/
* @(#)DatagramPacket.java 1.13 98/07/01
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*/
* @(#)LocaleElements_es_CO.java 1.2 98/01/13
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/*
* @(#)DateFormat.java 1.25 98/02/02
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 * @(#)Checksum.java 1.7 96/11/23
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/*
 * @(#)RemoteStub.java 1.9 98/08/12
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* @(#)TextAreaPeer.java 1.9 98/07/01
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/*
* @(#)EmptyStackException.java 1.13 98/07/01
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* @(#)LocaleElements_lt.java 1.7 98/01/13
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/*
* @(#)DateFormatZoneData_sk.java	1.5 97/12/05
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 * @(#)DateFormatZoneData_fi.java 1.5 97/12/05
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* @(#)Identity.java 1.28 98/07/01
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* @(#)IllegallegalArgumentException.java 1.13 98/07/01
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* @(#)Reader.java 1.9 98/07/01
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/*
* @(#)LocaleElements_sk.java 1.7 98/01/13
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/*
* @(#)LineNumberInputStream.java 1.13 98/07/01
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/ *
* @(#)LocaleElements_et.java 1.8 98/01/13
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 * @(#)Socket.java 1.30 98/07/01
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 * @(#)DateFormatZoneData_fr_CA.java 1.5 97/12/05
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 * @(#)LocaleElements_ro.java 1.8 98/01/13
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/*
* @(#)LocaleElements_es_CL.java1.2 98/01/13
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/*
*  @(#)LocaleElements_nl_NL_EURO.java 1.1 98/07/07
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/*
*  @(#)ProviderException.java 1.7 99/02/09
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/*
 * @(#)UnknownError.java 1.6 98/07/01
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 * @(#)URLStreamHandlerFactory.java 1.9 98/07/01
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/*
 * @(#)CloneNotSupportedException.java 1.4 98/07/01
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* @(#)PropertyChangeListener.java 1.10 98/07/01
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/*
* @(#)MouseEvent.java 1.13 98/07/01
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 * @(#)FramePeer.java.17 98/07/01
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 * @(#)Thread.java.73 98/11/11
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 * @(#)LocaleElements_ar.java.10 98/01/13
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* @(#)Canvas.java	1.18 98/07/01
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/*
* @(#)MissingResourceException.java	1.4 97/01/29
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="/*
* @(#)LocaleElements_fr_LU_EURO.java1.1 98/07/07
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="/*
* @(#)EntryPair.java1.5 97/12/05
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/*
* @(#)Dictionary.java 1.8 98/07/01
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/*
 * @(#)MenuComponentPeer.java 1.3 98/07/01
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 * @(#)DateFormatZoneData_iw.java 1.4 97/12/05
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* @(#)ServerSocket.java 1.30 00/08/09
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/*
* @(#)ColorModel.java 1.13 98/07/01
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ParseException.java 1.5 97/01/20

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 *(#)SentenceBreakData.java 1.9 98/03/05
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/*
* @(#)BufferedReader.java 1.12 98/07/01
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* @(#)LocaleData.java 1.21 98/10/20
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* @(#)LocaleElements_zh_TW.java 1.10 98/01/13
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 * @(#)CollationElementIterator.java 1.16 98/10/07
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@(#)LocaleElements_nl_BE_EURO.java 1.1 98/07/07

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1.1005 gosigar 1.1.0

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1.1012 dropwizard-metrics-graphite 1.1.0

1.1013 log4j-over-slf4j 1.7.24

1.1014 dropwizard-servlets 1.1.0

1.1015 nss 3.28.4-0ubuntu0.16.04.10

1.1015.1 Available under license:

# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Testing Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

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package org.jfree.ui.about;

/**
 * A simple class representing a contributor to a software project.
 * <p>
 * Used in the AboutFrame class.
 * <p>
 * @author David Gilbert
 */

public class Contributor {

    /** The name. */
    private String name;

/** The e-mail address. */
private String email;

/**
 * Creates a new contributor.
 *
 * @param name  the name.
 * @param email  the e-mail address.
 */
public Contributor(final String name, final String email) {
    this.name = name;
    this.email = email;
}

/**
 * Returns the contributor's name.
 *
 * @return the contributor's name.
 */
public String getName() {
    return this.name;
}

/**
 * Returns the contributor's e-mail address.
 *
 * @return the contributor's e-mail address.
 */
public String getEmail() {
    return this.email;
}
package org.jfree.ui.about;

/**
 * Contains the full texts of the GNU General Public Licence and the GNU Lesser General Public
 * Licence.
 * <p>
 * These are used in the presentation of a standard 'About' frame.
 * 
 * @author David Gilbert
 * /
 * public class Licences {

 /** The GNU General Public Licence. */
 public static final String GPL = "GNU GENERAL PUBLIC LICENSE\n" + "\n" + "Version 2, June 1991\n" + "\n"
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"*/

/** The singleton instance of this class. */
private static Licences singleton;

/**
 * Returns a reference to this class.
 *
 * @return the instance reference.
 */
public static Licences getInstance() {
if (singleton == null) {
    singleton = new Licences();
}
return singleton;

/**
 * Returns the GPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 *
 * @return the GPL licence text.
 */
public String getGPL() {
    return GPL;
}

/**< *
 * Returns the LGPL text in a non static way to prevent the compiler
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 *
 * @return the LGPL licence text.
 */
public String getLGPL() {
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}

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1.1024 e2fsprogs 1.42.13 1ubuntu1

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

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

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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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#
# 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
```bash
# 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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Theodore Ts'o
23-June-2007

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

That's all there is to it!
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
-
- Copyright (C) Andrew Tridgell  2005
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```
/*
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Gadi Oxman, August 1995

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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 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 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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1.1025 gcc-defaults 5.3.1 1ubuntu1

1.1025.1 Available under license:

" Automatically generated by Pod::Man v1.34, Pod::Parser v1.13
" Standard preamble:
" ========================================================================
.de Sh Subsection heading .br .if t .Sp .ne 5 .PP \$1 .PP .. .de Sp Vertical space (when we can't use .PP) .if t .sp .5v .if n .sp .. .de Vb Begin verbatim text .ft CW .nf .ne \$1 .. .de Ve End verbatim text .ft R .fi .. ." Set up some character translations and predefined strings. \-- will \ give an unbreakable dash, \PI will give pi, \L" will give a left \ double quote, and \R" will give a right double quote. | will give a \ real vertical bar. \C+ will give a nicer C++. Capital omega is used to \ do unbreakable dashes and therefore won't be available. \C' and \C' \ expand to " in nroff, nothing in troff, for use with C<>.
If the F register is turned on, we'll generate index entries on stderr for
entries marked with X<> in POD. Of course, you'll have to process the
output yourself in some meaningful fashion.

For nroff, turn off justification. Always turn off hyphenation; it makes
way too many mistakes in technical documents.

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 #[ ]
  ds #] [P

if t 
  ds #H ((1u-(\n(.fu%2u))*.13m)
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IX Subsection "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"

IP "0." 4

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Sh "-s-1NO-s0 -s-1WARRANTY-s0"

.IX Subsection "NO WARRANTY"

.IP "11."

&\ls-1BECAUSE-s0 -s-1THE-s0 -s-1PROGRAM-s0 -s-1LICENSED-s0 -s-1FREE-s0 -s-1OF-s0 -s-1CHARGE-s0, -s-1THERE-s0 -s-1ISSUES-s0 -s-1NO-s0 -s-1WARRANTY-s0

&\ls-1FOR-s0 -s-1THE-s0 -s-1PROGRAM-s0, -s-1TO-s0 -s-1EXTENT-s0 -s-1PERMITTED-s0 -s-1BY-s0 -s-1APPLICABLE-s0 -s-1LAWS-s0, -s-1EXCEPT-s0 -s-1WHEN-s0

&\ls-1OTHERWISE-s0 -s-1STATE-s0 -s-1IN-s0 -s-1WRITING-s0 -s-1THE-s0 -s-1COPYRIGHT-s0 -s-1HOLDERS-s0 -s-1AND/OR-s0 -s-1OTHER-s0 -s-1PARTIES-s0

&\ls-1PROVIDE-s0 -s-1PROGRAM-s0 -s-1LICENSED-s0 -s-1AS-s0 -s-1ISSUES-s0 -s-1WITHOUT-s0 -s-1WARRANTY-s0 -s-1OF-s0 -s-1ANY-s0 -s-1LIMITED-s0 -s-1TO-s0, -s-1THE-s0 -s-1IMPLIED-s0 -s-1WARRANTIES-s0 -s-1OF-s0

&\ls-1IMPOSE-s0 -s-1IF-s0 -s-1PRODUCT-s0 -s-1PARTICULAR-s0 -s-1QUALITY-s0 -s-1FITS-s0 -s-1FOR-s0 A -s-1PARTICULAR-s0 -s-1PURPOSE-s0, -s-1THE-s0 -s-1ENTIRE-s0 -s-1RISK-s0 -s-1AS-s0

&\ls-1TO-s0 -s-1QUALITY-s0 -s-1AND-s0 -s-1PERFORMANCE-s0 -s-1OF-s0 -s-1PROGRAM-s0 -s-1TO-s0 -s-1YOU-s0. -s-1SHOULD-s0 -s-1THE-s0

&\ls-1PROGRAM-s0 -s-1PROVE-s0 -s-1DEFEECTIVE-s0, -s-1YOU-s0 -s-1ASSUME-s0 -s-1THE-s0 -s-1COST-s0 -s-1OF-s0 -s-1ALL-s0 -s-1INNECESSARY-s0 -s-1SERVICING-s0, -s-1REPAIR-s0 -s-1CORRECTION-s0.

.IP "12."

&\ls-1WILL-s0 -s-1ANY-s0 -s-1REACH-s0 -s-1GENERAL-s0, -s-1SPECIAL-s0, -s-1INCIDENTAL-s0 -s-1OR-s0 -s-1CONSEQUENTIAL-s0 -s-1DAMAGES-s0 -s-1ARISING-s0

&\ls-1OUT-s0 -s-1OF-s0 -s-1USERS-s0 -s-1INABILITY-s0 -s-1TO-s0 -s-1USE-s0 -s-1ONE-s0 -s-1LIMITED-s0

&\ls-1TO-s0 -s-1LOSS-s0 -s-1OF-s0 -s-1DATA-s0 -s-1RENDERED-s0 -s-1SUSTAINED-s0 -s-1BY-s0

&\ls-1YOU-s0 -s-1PARTIES-s0 -s-1THIRD-s0 -s-1FAILURE-s0 -s-1OF-s0 -s-1PROGRAM-s0 -s-1TO-s0 -s-1OPERATE-s0 -s-1WITH-s0 -s-1ANY-s0 -s-1OTHER-s0

&\ls-1PROGRAM-s0 -s-1EVENS-s0 -s-1IF-s0 -s-1SUCH-s0 -s-1HOLDER-s0 -s-1OR-s0 -s-1OTHER-s0 -s-1PARTY-s0 -s-1HAS-s0 -s-1ADVISED-s0 -s-1OF-s0 -s-1THE-s0

&\ls-1IMPOSSIBILITY-s0 -s-1OF-s0 -s-1SUCH-s0 -s-1DAMAGES-s0.

.Sh "-s-1END-s0 -s-1CONDITIONS-s0"
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1.1026 alpine-baselayout 3.0.3-r0
1.1026.1 Available under license:
   diff --git a/tests/t0501-duplicate.sh b/tests/t0501-duplicate.sh
   index 66d321a..0520131 100644
   --- a/tests/t0501-duplicate.sh
   +++ b/tests/t0501-duplicate.sh
   @@ -18,7 +18,11 @@
   . "${srcdir=}/init.sh"; path_prepend_ ../parted .
for t in msdos gpt bsd; do
  if [ "St" = bsd ] && [ "$arch" = "s390x" ]; then
    continue
  fi
  duplicate St || fail=1
done
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Valery Kartel <valery.kartel@gmail.com>
pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2911
pkgrel=0
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() {
  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="d0032d41c7c0468ed1c6d8f57b885f60c97a0539d754c8cb60b2067daedaf53bd15f6b5641a3d0f828d16
dfa5417f663b8065ba65f4fa16f9262728b3b8b58 BSD-Resource-1.2911.tar.gz"
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 */
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
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 "Sbuilddir"
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001ae9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
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pkgname=py-flake8-copyright
.pkgname=flake8-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/${_pkgname:0:1}/${_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="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73  flake8-copyright-0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338ec204cc69b72d05cd39560e528afff5d586c3b1be9570f4a977a7e2417b586e543bba12abce256b2023c8c4993ebe90  flake8-copyright-0.2.0.tar.gz"

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# Maintainer:

pkgname=spdx-licenses
pkgver=3.2
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="$pkgname-list"
for type in "$_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##*/}
    local license=${license%.*}
    echo "$license" >> "$subpkgdir"/usr/share/spdx/license.lst
  done
}

sha512sums="4d537a7fd7d6cd8c6f527c6dda56f84c71e9148f7d71ac48e2c088fba104e396545f1a551171f8bcec6db07d1ae41444787954e4bb005be79dd662db49191685  license-list-data-3.2.tar.gz"

fix issues with fortify-headers and the way openssh handles the needed BSD compatible realpath(3).

unconditionally use the provided realpath() as otherwise cross-builds would try to use musl realpath() which is posix compliant and not working to openssh expectations.

 void *reallocarray(void *, size_t, size_t);
 #endif

-#if !defined(HAVE_REALPATH) || defined(BROKEN_REALPATH)
glibc's FORTIFY_SOURCE can redefine this and prevent us picking up the compat version.

ifdef BROKEN_REALPATH

define realpath(x, y) _ssh_compat_realpath(x, y)
endif

char *realpath(const char *path, char *resolved);
#endif

char *ssh_realpath(const char *path, char *resolved);

ifndef HAVE_RRESVPORT_AF

int rresvport_af(int *alport, sa_family_t af);
diff -ru openssh-7.2p2.orig/openbsd-compat/realpath.c openssh-7.2p2/openbsd-compat/realpath.c
--- openssh-7.2p2.orig/openbsd-compat/realpath.c2016-03-09 20:04:48.000000000 +0200
+++ openssh-7.2p2/openbsd-compat/realpath.c2016-07-18 13:33:45.420721690 +0300
@@ -31,7 +31,7 @@
 char *
 -realpath(const char *path, char *resolved)
 +ssh_realpath(const char *path, char *resolved)
 {
 struct stat sb;
 char *p, *q, *s;

diff -ru openssh-7.2p2.orig/sftp-server.c openssh-7.2p2/sftp-server.c
--- openssh-7.2p2.orig/sftp-server.c2016-03-09 20:04:48.000000000 +0200
+++ openssh-7.2p2/sftp-server.c2016-07-18 13:34:29.131267241 +0300
@@ -1162,7 +1162,7 @@
 }
 debug3("request %u: realpath", id);
 verbose("realpath \\
|s\"", path);
-if (realpath(path, resolvedname) == NULL) {
 +if (ssh_realpath(path, resolvedname) == NULL) {
 send_status(id, errno_to_portable(errno));
 } else {
 Stat s;
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see http://www.sqlite.org/copyright.html
--- a/main.c
+++ b/main.c
@@ -33,7 +33,7 @@
#ifinclude "extern.h"

#define AGREEMENT "https://letsencrypt.org" \
-  "documents/LE-SA-v1.1.1-August-1-2016.pdf"
#define SSL_DIR "/etc/ssl/acme"
#define SSL_PRIV_DIR "/etc/ssl/acme/private"
#define ETC_DIR "/etc/acme"

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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1.1048 visual-studio-runtime 1.26
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1.1070 libxdmcp 1.1.2-1.1
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1.1071 dumb-init 1.0.0

1.1072 commons-lang3 2.4

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Description: Don't warn for _BSD_SOURCE || _SVID_SOURCE, drop post-vivid
Author: Adam Conrad <adconrad@ubuntu.com>

--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
 transitioned to use the new macro. */
 #if (defined _BSD_SOURCE || defined _SVID_SOURCE) 
   && !defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
+   and we don't have time to check/fix everything before vivid release
+ # warning "_BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
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1.1078 saaj 1.3

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package model

import "time"

// A CheckResponse is the internal content of the PublicCheckResponse signed
// json blob.

type CheckResponse struct {
    Expiration time.Time `json:"expiration"`
    Token string `json:"token"`
    MaxEngines int `json:"maxEngines"`
    ScanningEnabled bool `json:"scanningEnabled"`
    Type string `json:"licenseType"`
    Tier string `json:"tier"`
}

// IssuedLicense represents an issued license

type IssuedLicense struct {
    KeyID string `json:"key_id"`
    PrivateKey string `json:"private_key"`
    Authorization string `json:"authorization"`
}

// Valid returns true if the License is syntactically valid, false otherwise
func (l *IssuedLicense) Valid() (bool, string) {
    if l.KeyID == "" {
        return false, "empty key_id"
    }

    if l.PrivateKey == "" {
        return false, "empty private_key"
    }

    if l.Authorization == "" {
        return false, "empty authorization"
    }

    return true, ""
}

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package engine

import (
    "bytes"
    "encoding/json"
    "strings"
    "testing"
    "time"

    "github.com/docker/cli/cli/command/formatter"
    "github.com/docker/cli/internal/licenseutils"
    "github.com/docker/licensing/model"
    "gotest.tools/assert"
    is "gotest.tools/assert/cmp"
)

func TestSubscriptionContextWrite(t *testing.T) {
    cases := []struct {
        context formatter.Context
        expected string
    }{
        // Errors
        {
            formatter.Context{Format: "{{InvalidFunction}}"},
            "Template parsing error: template: :1: function "InvalidFunction" not defined
            \",
        },
        {
            formatter.Context{Format: "{{nil}}"},
            "Template parsing error: template: :1: executing "" at <nil>: nil is not a command
            \",
        },
        // Table format
        {

```
1                   owner1              productid1          2020-01-01 10:00:00 +0000 UTC   compstring
2                   owner2              productid2          2020-01-01 10:00:00 +0000 UTC   compstring

1:License Name: name1 Quantity: 10 nodes Expiration date: 2020-01-01
2:License Name: name2 Quantity: 20 nodes Expiration date: 2020-01-01

// Raw Format

license: id1
name: name1
owner: owner1
components: compstring

license: id2
name: name2
owner: owner2
components: compstring
expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")

for _, testcase := range cases {
    subscriptions := []licenseutils.LicenseDisplay{
        {
            Num: 1,
            Owner: "owner1",
            Subscription: model.Subscription{
                ID: "id1",
                Name: "name1",
                ProductID: "productid1",
                Expires: &expiration,
                PricingComponents: model.PricingComponents{
                    &model.SubscriptionPricingComponent{
                        Name: "nodes",
                        Value: 10,
                    },
                },
                ComponentsString: "compstring",
            },
            Num: 2,
            Owner: "owner2",
            Subscription: model.Subscription{
                ID: "id2",
                Name: "name2",
                ProductID: "productid2",
                Expires: &expiration,
                PricingComponents: model.PricingComponents{
                    &model.SubscriptionPricingComponent{
                        Name: "nodes",
                        Value: 20,
                    },
                },
                ComponentsString: "compstring",
            }
        }
    }
    out := &bytes.Buffer{
        formatter.Context{Format: NewSubscriptionsFormat("{{.Owner}}", false)},
        "owner1",
        "owner2",
    }
}
testcase.context.Output = out
err := SubscriptionsWrite(testcase.context, subscriptions)
if err != nil {
    assert.Error(t, err, testcase.expected)
} else {
    assert.Check(t, is.Equal(testcase.expected, out.String()))
}

func TestSubscriptionContextWriteJSON(t *testing.T) {
    expiration, _ := time.Parse(time.RFC822, "01 Jan 20 10:00 UTC")
    subscriptions := []licenseutils.LicenseDisplay{[
        {
            Num: 1,
            Owner: "owner1",
            Subscription: model.Subscription{
                ID: "id1",
                Name: "name1",
                ProductID: "productid1",
                Expires: &expiration,
                PricingComponents: model.PricingComponents{
                    &model.SubscriptionPricingComponent{
                        Name: "nodes",
                        Value: 10,
                    },
                    &model.SubscriptionPricingComponent{
                        Name: "componentsstring",
                    },
                    &model.SubscriptionPricingComponent{
                        Name: "nodes",
                        Value: 20,
                    }
                }
            }
        },
        {
            Num: 2,
            Owner: "owner2",
            Subscription: model.Subscription{
                ID: "id2",
                Name: "name2",
                ProductID: "productid2",
                Expires: &expiration,
                PricingComponents: model.PricingComponents{
                    &model.SubscriptionPricingComponent{
                        Name: "nodes",
                        Value: 20,
                    }
                }
            }
        }
    }
}
expectedJSONs := []map[string]interface{} {
  {
    "Owner": "owner1",
    "ComponentsString": "compstring",
    "Expires": "2020-01-01T10:00:00Z",
    "DockerID": "",
    "Eusa": nil,
    "ID": "id1",
    "Start": nil,
    "Name": "name1",
    "Num": float64(1),
    "PricingComponents": []interface{} {
      map[string]interface{} {
        "name": "nodes",
        "value": float64(10),
      },
    },
    "ProductID": "productid1",
    "ProductRatePlan": "",
    "ProductRatePlanID": "",
    "State": "",
    "Summary": "License Name: name1
    Quantity: 10 nodes
    Expiration date: 2020-01-01",
  },
  {
    "Owner": "owner2",
    "ComponentsString": "compstring",
    "Expires": "2020-01-01T10:00:00Z",
    "DockerID": "",
    "Eusa": nil,
    "ID": "id2",
    "Start": nil,
    "Name": "name2",
    "Num": float64(2),
    "PricingComponents": []interface{} {
      map[string]interface{} {
        "name": "nodes",
        "value": float64(20),
      },
    },
    "ProductID": "productid2",
    "ProductRatePlan": "",
    "ProductRatePlanID": "",
    "State": "",
    "Summary": "License Name: name2
    Quantity: 20 nodes
    Expiration date: 2020-01-01",
  },
}
out := &bytes.Buffer{ }

Open Source Used in CPS Microservices (DRA) 20.02 10645
err := SubscriptionsWrite(formatter.Context{Format: "{{json .}}"}, Output: out), subscriptions)
if err != nil {
    t.Fatal(err)
}
for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
    var m map[string]interface{}
    if err := json.Unmarshal([]byte(line), &m); err != nil {
        t.Fatal(err)
    }
    assert.Check(t, is.DeepEqual(expectedJSONs[i], m))
}

func TestSubscriptionContextWriteJSONField(t *testing.T) {
    subscriptions := []licenseutils.LicenseDisplay{
        {Num: 1, Owner: "owner1"},
        {Num: 2, Owner: "owner2"},
    }
    out := &bytes.Buffer{}
    if err != nil {
        t.Fatal(err)
    }
    for i, line := range strings.Split(strings.TrimSpace(out.String()), "\n") {
        var s string
        if err := json.Unmarshal([]byte(line), &s); err != nil {
            t.Fatal(err)
        }
        assert.Check(t, is.Equal(subscriptions[i].Owner, s))
    }
}

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    apic.go
    emitterc.go
    parserc.go
    readerc.go
    scannerc.go
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```go
package licensing

import (    "context"    "crypto/hmac"    "crypto/sha256"    "encoding/base64"    "encoding/json"    "fmt"    "time"

    "github.com/docker/libtrust"
    "github.com/docker/licensing/lib/errors"
    "github.com/docker/licensing/lib/go-clientlib"
    "github.com/docker/licensing/model"
)

func (c *client) getLicenseFile(ctx context.Context, subID string) (*model.IssuedLicense, error) {    url := c.baseURI + fmt.Sprintf("/api/billing/v4/subscriptions/%s/license-file", subID)

    license := new(model.IssuedLicense)
    if _, _, err := c.doReq(ctx, "GET", &url, clientlib.RecvJSON(license)); err != nil {
        return nil, err
    }
}
```
// Check verifies that the license identified by the given key id is valid. Note that it does not
// interrogate the contents of the license.
func (c *client) check(ctx context.Context, license model.IssuedLicense) (*model.CheckResponse, error) {
    keyID := license.KeyID
    privateKey := license.PrivateKey

    authorization, err := c.getAuthorization(ctx, license)
    if err != nil {
        return nil, err
    }

    // TODO: Mason - replace this parseJWS with a non libtrust lib
    signature, err := libtrust.ParseJWS(authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": keyID,
        }, "license parse JWS failed")
    }

    keys, err := signature.Verify()
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": keyID,
        }, "license signature verification failed")
    }

    keyCnt := len(keys)
    if keyCnt != 1 {
        err = fmt.Errorf("unexpected number of signing keys (%d)", keyCnt)
    return nil, errors.WithStack(err).With(errors.Fields{
        "key_id": keyID,
    })
    }

    key := keys[0]
    if !c.recognizedSigningKey(key) {
        return nil, errors.New("unrecognized signing key")
    }

    payload, err := signature.Payload()
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": keyID,
        }, "malformed signature payload")
    }

    return license, nil
}
checkRes := new(model.CheckResponse)

err = json.Unmarshal(payload, &checkRes)
if err != nil {
    return nil, errors.Wrapf(err, errors.Fields{
        "key_id": keyID,
    }, "license payload unmarshal failed")
}

msg := checkRes.Expiration.Format(time.RFC3339)
if err := checkToken(msg, checkRes.Token, privateKey); err != nil {
    return nil, errors.Wrap(err, errors.Fields{
        "key_id": keyID,
    })
}

return checkRes, nil

// recognizedSigningKey returns true if the given key is signed with a recognized signing key, false otherwise
func (c *Client) recognizedSigningKey(key libtrust.PublicKey) bool {
    for _, publicKey := range c.publicKeys {
        if key.KeyID() == publicKey.KeyID() {
            return true
        }
    }
    return false
}

// getAuthorization returns the decoded license authorization
func (c *Client) getAuthorization(ctx context.Context, license model.IssuedLicense) ([]byte, error) {
    decoded, err := base64.StdEncoding.DecodeString(license.Authorization)
    if err != nil {
        return nil, errors.Wrapf(err, errors.Fields{
            "key_id": license.KeyID,
        }, "decoding license authorization failed")
    }
    return decoded, nil
}

// All of the functions in this file assume that they are receiving a properly
// formatted private key.

// checkToken performs a MAC algorithm (where token is generated by hashing the
// message with the privateKey via GenerateToken) with the purpose of authenticating
// the validity of both the message and the private key of the person who generated
func checkToken(message, token, privateKey string) error {
    tokenBytes, err := base64.URLEncoding.DecodeString(token)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }
    generatedToken, err := generateToken(message, privateKey)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }
    generatedBytes, err := base64.URLEncoding.DecodeString(generatedToken)
    if err != nil {
        return errors.Wrap(err, errors.Fields{"token": token})
    }
    if !hmac.Equal(tokenBytes, generatedBytes) {
        return errors.Forbidden(errors.Fields{"token": token}, "invalid token")
    }
    return nil
}

// generateToken generates a hash of the message with the privateKey via the sha256 algorithm.
func generateToken(message, privateKey string) (string, error) {
    key, err := base64.URLEncoding.DecodeString(privateKey)
    if err != nil {
        return "", errors.Wrap(err, errors.Fields{"msg": message})
    }
    h := hmac.New(sha256.New, key)
    h.Write([]byte(message))
    return base64.URLEncoding.EncodeToString(h.Sum(nil)), nil
}

/*
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// Prometheus instrumentation library for Go applications

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Protocol Buffers for Go with Gadgets

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

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package engine

import (  "time"  "github.com/docker/cli/cli/command/formatter"  "github.com/docker/cli/internal/licenseutils"  "github.com/docker/licensing/model"
)

cost (  defaultSubscriptionsTableFormat = "table"
NewSubscriptionsFormat returns a Format for rendering using a license Context

```go
func NewSubscriptionsFormat(source string, quiet bool) formatter.Format {
    switch source {
    case formatter.TableFormatKey:
        if quiet {
            return defaultSubscriptionsQuietFormat
        }
        return defaultSubscriptionsTableFormat
    case formatter.RawFormatKey:
        if quiet {
            return `license: {{.ID}}`
        }
        return `license: {{.ID}}
name: {{.Name}}
owner: {{.Owner}}
components: {{.ComponentsString}}
`}
    return formatter.Format(source)
}
```

SubscriptionsWrite writes the context

```go
func SubscriptionsWrite(ctx formatter.Context, subs []licenseutils.LicenseDisplay) error {
    render := func(format func(subContext formatter.SubContext) error) error {
        for _, sub := range subs {
            licenseCtx := &licenseContext{trunc: ctx.Trunc, l: sub}
            if err := format(licenseCtx); err != nil {
                return err
            }
        }
        return nil
    }
    licenseCtx := licenseContext{
    licenseCtx.Header = map[string]string{
```
"Num": numHeader,
"Owner": ownerHeader,
"Name": licenseNameHeader,
"ID": idHeader,
"DockerID": dockerIDHeader,
"ProductID": productIDHeader,
"ProductRatePlan": productRatePlanHeader,
"ProductRatePlanID": productRatePlanIDHeader,
"Start": startHeader,
"Expires": expiresHeader,
"State": stateHeader,
"Eusa": eusaHeader,
"ComponentsString": pricingComponentsHeader,
}
return ctx.Write(&licenseCtx, render)
}

type licenseContext struct {
  formatter.HeaderContext
  trunc bool
  l licenseutils.LicenseDisplay
}

func (c *licenseContext) MarshalJSON([]byte, error) {
  return formatter.MarshalJSON(c)
}

func (c *licenseContext) Num() int {
  return c.l.Num
}

func (c *licenseContext) Owner() string {
  return c.l.Owner
}

func (c *licenseContext) ComponentsString() string {
  return c.l.ComponentsString
}

func (c *licenseContext) Summary() string {
  return c.l.String()
}

func (c *licenseContext) Name() string {
  return c.l.Name
}

func (c *licenseContext) ID() string {

return c.l.ID
}

func (c *licenseContext) DockerID() string {
    return c.l.DockerID
}

func (c *licenseContext) ProductID() string {
    return c.l.ProductID
}

func (c *licenseContext) ProductRatePlan() string {
    return c.l.ProductRatePlan
}

func (c *licenseContext) ProductRatePlanID() string {
    return c.l.ProductRatePlanID
}

func (c *licenseContext) Start() *time.Time {
    return c.l.Start
}

func (c *licenseContext) Expires() *time.Time {
    return c.l.Expires
}

func (c *licenseContext) State() string {
    return c.l.State
}

func (c *licenseContext) Eusa() *model.EusaState {
    return c.l.Eusa
}

func (c *licenseContext) PricingComponents() []model.SubscriptionPricingComponent {
    // Dereference the pricing component pointers in the pricing components
    // so it can be rendered properly with the template formatter

    var ret []model.SubscriptionPricingComponent
    for _, spc := range c.l.PricingComponents {
        if spc == nil {
            continue
        }
        ret = append(ret, *spc)
    }
    return ret
}
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1.1086 jul-to-slf4j 1.7.25

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1.1089 go-autorest 2.2.1

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

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1.1100 jetty-servlets 8.1.10.v20130312

1.1101 openssl 1.0.2g-1ubuntu4.16
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1.1102 go-restful 1.1.3-1

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1.1103 zlib 1.2.11
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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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1.1104 jersey-container-servlet 2.25.1

1.1105 berkeley-db 5.3.28 11

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

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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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go-runhcs is a fork of go-runc

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Data model artifacts for Prometheus.

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

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

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1.1150 jetty-http 9.3.9.v20160517

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1.1152 bsdmainutils 9.0.6ubuntu3

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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 <ttheen@debian.org> took over. The package is now maintained by Graham Wilson <bob@decoy.wox.org>.

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1.1153 libapache2-mod-authnz-external 3.3.2-0.1

1.1154 collectd-fast-jmx 1.0.0

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1.1162 ttyd 1.4.0-1

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1.1166 spring-security-config 3.0.6

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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
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
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lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
```
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lib/libgss/g_utils.c
lib/libgss/g_verify.c
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1.1174 icu 55.1-7ubuntu0.5

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

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

## Compilation rules
%.$(STATIC_O): $(srdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCCFLAGS) -o $@ $<
%.o: $(srdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCCFLAGS) -o $@ $<

%.$(STATIC_O): $(srdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCCXXFLAGS) -o $@ $<
%.o: $(srdir)/%.cpp
## Dependency rules

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

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

## Versioned libraries rules

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

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

## Bind internal references

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

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

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

## End BSD-specific setup

1.1175 sysv-init 2.88dsf 59.3ubuntu2

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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.1177 libdumbnet 1.12-7

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1.1178 sssd 1.13.4-1ubuntu1.15

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1.1180 jersey-container-servlet-core 2.23.1

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Version 3.1, 31 March 2009

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@end enumerate

@ifex
@heading END OF TERMS AND CONDITIONS
@end ifex
@ifinfo
@end ifinfo
@page
@appendixsubsec How to Apply These Terms to Your New Libraries

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That's all there is to it!

if+gnu/classpath/tools/tags/CopyrightTaglet.java/lang/Objectcom/sun/tools/doclets/TagletNAMELjava/lang/String

ConstantValuecopyrightHEADER
Copyright:<init>()VCode
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// DO NOT EDIT THIS FILE - it is machine generated.

#ifndef __java_security_Permission__
define __java_security_Permission__

#pragma interface

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

class java::security::Permission : public ::java::lang::Object
{
public:
    Permission(::java::lang::String *);
    virtual void checkGuard(::java::lang::Object *);
    virtual jboolean implies(::java::security::Permission *) = 0;
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual jint hashCode() = 0;
    virtual ::java::lang::String * getName();
    virtual ::java::lang::String * getActions() = 0;
    virtual ::java::security::PermissionCollection * newPermissionCollection();
    virtual ::java::lang::String * toString();
private:
    static const jlong serialVersionUID = -563657022231596674LL;
    ::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
    static ::java::lang::Class class$;
};

#endif // __java_security_Permission__

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Version 3, 29 June 2007

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Version 3, 29 June 2007

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/**
 * This interface provides information about a permission that can be
 * granted. Note that this is not the same as the class
 * <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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That's all there is to it!
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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along with GCC; see the file COPYING3.  If not see
<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\"\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)))
#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

#!/usr/bin/python

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

import os
import re
import sys
import time
import subprocess

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

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

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

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

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'idl.texi',
        ' театр',
            'public-domain',
            'open-source',
            'libjava',
        'ignore'])
def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('	')
    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True
    return None

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

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

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

    return False

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

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True

    # Only touch current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True

    return False

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

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

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9]-[0-9],\s+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 + \s*?)'  
'[@value\{[^}\]*\})s*s)'  

# 3: 'by ', if used
'(by\s+)?'

# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(' + name + '(?:\s?' + name + ')*)?')

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

self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

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

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

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

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
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() + '

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:
            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,
                                                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())

    return (lines, changed, (next_line or '') + newline)
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...

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

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

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

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

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

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

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

class GCCFilter (GenericFilter):
def __init__ (self):
    GenericFilter.__init__ (self)
    self.skip_files |= set ([
        # 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([}
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',
            'libltl',
        )

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_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author ('Cavium Networks:')
        self.add_external_author ('Faraday Technology Corp.')
        self.add_external_author ('Florida State University')
        self.add_external_author ('Greg Colvin and Beman Dawes.')
        self.add_external_author ('Hewlett-Packard Company')
        self.add_external_author ('Information Technology Industry Council.')
        self.add_external_author ('James Theiler, Brian Gough')
        self.add_external_author ('Makoto Matsumoto and Takuji Nishimura,')
        self.add_external_author ('National Research Council of Canada.')
        self.add_external_author ('NVIDIA Corporation')
        self.add_external_author ('Peter Dimov and Multi Media Ltd.')
        self.add_external_author ('Peter Dimov')
        self.add_external_author ('Pipeline Associates, Inc.')
class GCCCmdLine(CmdLine):
    def __init__(self):
        CmdLine.__init__(self, GCCCopyright)

        self.add_dir('.', TopLevelFilter())
        # boehm-ge 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('libcxx', 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('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',
    'libdecdnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]
```

GCCCmdLine().main()

/* gnu.classpath.tools.taglets.CopyrightTaglet
   Copyright (C) 2001 Free Software Foundation, Inc.

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or based on this library. If you modify this library, you may extend
this exception to your version of the library, but you are not
obligated to do so. If you do not wish to do so, delete this
exception statement from your version. */

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>");
            return result.toString();
        }
        else {
            return null;
        }
    }
}

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-
#ifndef __gnu_javax_sound_AudioSecurityManager$Permission__
#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

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

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

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

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

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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.mit.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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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>`Permission`'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 = -563657022231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

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

/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in
 * <code>SecurityManager</code> with this <code>Permission</code> as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @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>.
 *
 * @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());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }
    string = string.append(')');
    return string.toString();
}
} // class Permission

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

   Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

   Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

   Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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---

vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

<!-- $Id$ -->

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1.1196 coreutils 8.25 2ubuntu2

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"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_init.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
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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# This program is intended to be used by "make check-copyright". It
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# and license statements in source code comments.

import os
import sys
import re

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

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

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

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'/\* \([^ ]*\)\([^ ]*\)? */', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
    # Scan for license statements.
    in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
        if not in_comment:
            line = re.sub(r'[^\*\^\*]*', '', line)
        line = line.strip()
        if not in_comment and '/*' in line:
            (line, sep, comment_part) = line.partition('/*')
            comment = [comment_part.strip()]
            comment_starts_at = ln
        elif in_comment and '*/' not in line:
            if line[0] == ' ':
                comment.append(line[1:].strip())
            else:
                comment.append(line.strip())
        in_comment = True
    return is_license
```python
comment.append(line.lstrip(' ').lstrip())
else:
    (comment_part, sep, line) = line.partition('*/')
    comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                                code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
else:
    code_seen = True
    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
/*
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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
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lib/libgss/g_utils.c
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    FILE_SUFFIX: '.html',
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  };
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- g_acquire_cred.c
- g_canon_name.c
- mechglue.c
- mechglue.h
and the initial implementation of incremental propagation, including
the following new or changed files:

- spnego_mech
- iprop_hdr.h
- kadmin/server/spnpropd_svc.c
- lib/kdb/ipropx.c
- lib/kdb/kdb_convert.c
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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
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   lib/gssapi/mechglue/g_dup_name.c
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   lib/gssapi/mechglue/g_glue.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
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   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:

.. parsed-literal::

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

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>>> freebsd-base64-4.8

base64.c -- routines to encode/decode base64 data
SOpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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*/

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

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

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

typedef unsigned int nfds_t;

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

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

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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 *
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 *
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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#endif HAVE_SETRESGID
int setresgid gid_t, gid_t, gid_t);
#endif

#endif HAVE_SETRESUID
int setresuid uid_t, uid_t, uid_t);
#endif

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* */

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

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

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

/* Prototype */
pid_t waitpid(int, int *, int);
#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
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1.1207 httpcomponents-core 4.3.2
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<!--- $Id$ --->

<!--- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($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>
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

===========================================================================
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

1.1210 geo-ip 1.6.9 1

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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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“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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is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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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
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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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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.

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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.

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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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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.

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

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

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

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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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**1.1227 xpp3-min 1.1.4c**

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About XmlPull API

It is a minimalist API: very easy to implement standalone or on top of existing parser. The API allows both fast high
level iteration (using next() method) and low level tokenizing (using nextToken() method) and is designed for easy
building on top of it SAX, XML pull parsers that uses iterators with event objects, or even DOM implementations.
To to support J2ME and real small implementation parsing of DOCDECL is optional (but DOCDECL can be
reported if requested).

The aim is to provide a similar but orthogonal pull parsing basis to widely successful push parsing SAX API. The
XmlPull API is in public domain in hope that it will be embraced by Java developers (conformance tests are under LGPL license to minimize risk of incompatible implementations).

1.1228 log-rotate 3.8.7-2ubuntu2.16.04.2

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The End

1.1231 jersey-apache-connector 2.25.1

1.1232 jersey-media-json-jackson 2.17

1.1233 spring-security-taglibs 3.0.6

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1.1234 python-pam 1.8.3
1.1234.1 Available under license :

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import os
from setuptools import setup

def read(fname):
    return open(os.path.join(os.path.dirname(__file__), fname)).read()

__sdesc = 'Python PAM module using ctypes, py3/py2'

setup(name = 'python-pam',
      description = __sdesc,
      long_description = read('README.md'),
      py_modules = ['pam'],
      version = '1.8.3',
      author = 'David Ford',
      author_email = 'david@blue-labs.org',
      maintainer = 'David Ford',
      maintainer_email = 'david@blue-labs.org',
      url = 'https://github.com/FirefighterBlu3/python-pam',
      download_url = 'https://github.com/FirefighterBlu3/python-pam',
license          = 'License :: OSI Approved :: MIT License',
platforms        = ['i686', 'x86_64'],
classifiers      = [
    'Development Status :: 6 - Mature',
    'Environment :: Plugins',
    'Intended Audience :: Developers',
    'Intended Audience :: Information Technology',
    'Intended Audience :: System Administrators',
    'License :: OSI Approved :: MIT License',
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    'Operating System :: POSIX :: Linux',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 3',
    'Topic :: Security',
    'Topic :: System :: Systems Administration :: Authentication/Directory',
],
)

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073063024_1595261492.6/0/python-pam-1-8-3-1-tar-gz/python-pam-1.8.3/setup.py
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* /opt/ws_local/PERMITS_SQL/1073063024_1595261492.6/0/python-pam-1-8-3-1-tar-gz/python-pam-1.8.3/pam.py
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* /opt/ws_local/PERMITS_SQL/1073063024_1595261492.6/0/python-pam-1-8-3-1-tar-gz/python-pam-1.8.3/python_pam.egg-info/PKG-INFO

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains
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```
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#
0       leshort         0x0436          psf screen font data
>2      byte            0               256 characters, no index
>2      byte            1               512 characters, no index
>2      byte            2               256 characters, Unicode index
>2      byte            3               512 characters, Unicode index
>2      byte            4               256 characters, Unicode level 2 index
>2      byte            5               512 characters, Unicode level 2 index
>3      byte            x               8x%d
#
# PC Screen (console) Fonts - psf2 header
```

```
```

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

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Version 2.1, February 1999

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.
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// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"
    URL   string `json:"url,omitempty"
}
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Go support for Protocol Buffers - Google's data interchange format

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1.1246 jul-to-slf4j 1.7.24

1.1247 apr 1.5.2-r0

1.1248 jetty-servlet 9.4.2.v20170220

1.1249 tre 1.1.14-r15

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1.1250 log15 2.11+git20150921.0.b105bd3-0ubuntu1

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1.1251 shadow 4.6

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1.1256 trilead-ssh build214

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# Jackson JSON processor

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

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### 1.1264 gobject-introspection 1.46.0 3ubuntu1

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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.

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

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

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

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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
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will operate properly with a modified version of the library, if
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That's all there is to it!

1.1286 python-idna 2.0-3
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* /opt/ws_local/PERMITS_SQL/1030463854_1591846802.1/0/python-idna-2-0-orig-tar-gz/idna-2.0/idna.egg-info/PKG-INFO
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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 IDNA2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.

```python
import sys
from setuptools import setup
import io
```
def main():

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

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

    setup(**arguments)

    if __name__ == '__main__':
        main()

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1030463854_1591846802.1/0/python-idna-2-0-orig-tar-gz/idna-2.0/setup.py
1.1287 glib 2.48.2-0ubuntu4.6

1.1287.1 Available under license:

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[This is the first released version of the library GPL. It is
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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
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concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the
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**1.1289 spring-osgi-annotation 2.0.0.M1**

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1.1290 linux-meta 4.4.0.184.190

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1.1292 spring-web-mvc 4.2.2

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1.1293 freemarker 2.3.22

1.1294 configobj 5.0.6-4.ph3

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1.1300 diameter-parent 1.5.0
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That's all there is to it!
1.1301 jackson-module-jaxb-annotations 2.7.5

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# Jackson JSON processor

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

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1.1302 apache-httpclient 4.3.2

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mgo - MongoDB driver for Go

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1.1309 go-mssqlodb 1.1.8

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1.1310 lwip 1.4.1

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#define UV_PLATFORM_FS_EVENT_FIELDS  
  uv__io_t event_watcher;  

#define UV_IO_PRIVATE_PLATFORM_FIELDS  
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  int wcount;  

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */

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1.1322 commons-lang3 3.6

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man/nlist.3
man/queue.3bsd
man/radixsort.3
man/reallocarray.3
man/reallocf.3
man/setmode.3
man/strmode.3
man/strnstr.3
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1.1324 tdb 1.42.13-1ubuntu1

1.1325 spring-boot-starter-web 2.1.0
1.1326 mysql-jdbc 5.1.6
1.1326.1 Available under license:

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1.1327 jackson-dataformat-yaml 2.5.4

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1.1329 ant-contrib 1.0b3
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/* Rob Earhart */
/* Rob Siemborski */
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The package was downloaded from ftp://ftp.kernel.org/pub/software/utils/pciutils/

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1.1357 rpc-api 1.1.0

1.1358 linux-base 4.5ubuntu1.1~16.04.1

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1.1360 prometheus-client 2.2.1
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

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http://github.com/gogo/protobuf

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

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

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Go support for leveled logs, analogous to
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Support for streaming Protocol Buffer messages for the Go language (golang).
https://github.com/matttproud/golang_protobuf_extensions
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DNS library in Go
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* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-jar/org/objectweb/asm/tree/analysis/package.html
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-jar/org/objectweb/asm/package.html
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  jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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  jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/xml/Processor.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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  jar/org/objectweb/asm/xml/SAXAdapter.java

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  jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/Label.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/tree/FieldNode.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/tree/analysis/Frame.java
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  jar/org/objectweb/asm/commons/AnalyzerAdapter.java
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  jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
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  jar/org/objectweb/asm/AbstractVisitor.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/util/CheckFieldAdapter.java
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  jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/ByteVector.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/Handler.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/ws_local/PERMITS_SQL/1018366216_1591902843.54/0/asm-all-3-3-sources-
  jar/org/objectweb/asm/ByteVector.java
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1.1366 glib 2.48.2-0ubuntu4.6

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1.1386 ubuntu-keyring 2012.05.19

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1.1389 sensible-utils 0.0.9ubuntu0.16.04.1

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1.1392 util-linux 2.27.1-6ubuntu3.2

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If distribution of object code is made by offering access to copy
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If such an object file uses only numerical parameters, data
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HAPROXY's license - 2006/06/15

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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1.1400 aspect-j 1.8.11

1.1400.1 Available under license:

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1.1401 openssl 1.0.2j-r0
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1.1411 pax-swissbox-extender 1.5.0

1.1412 circonus-gometrics

2.3.1+incompatible

1.1412.1 Available under license:

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1.1413 google-auth-library-credentials 0.13.0

1.1414 go-patricia 2.1.0

1.1414.1 Available under license:

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