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1.2 yum-utils 1.1.31-52.el7

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1.3 jackson-dataformat-yaml 2.9.6

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### 1.4 elastic-search 6.8.5

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1.5 python 3.7.3-1.el7

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A. HISTORY OF THE SOFTWARE

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

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

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

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1.7 libjpeg 1.2.90 8.el7
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README for release 6b of 27-Mar-1998
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This software is the work of Tom Lane, Philip Gladstone, Jim Boucher,
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DOCUMENTATION ROADMAP
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This file contains the following sections:

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

Other documentation files in the distribution are:

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

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

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

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

OVERVIEW
=========

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

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

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

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

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

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

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

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

We are required to state that
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REFERENCES
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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30–44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don’t have the CACM issue handy, a PostScript file containing a revised version of Wallace’s article is
available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

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


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

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

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

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS

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

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

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

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

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.

Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

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

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

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

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

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

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

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

As always, speeding things up is of great interest.

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

1.8 lucene-spatial-extras 7.7.2
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
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1.9 isl 0.11.1

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1.10 spring-boot 2.0.4

1.11 slf4j 1.7.25

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1.13 jackson-dataformat-cbor 2.9.6

1.14 spring-aop 5.0.8

1.15 zlib 1.2.11
1.15.1 Available under license :
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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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   */

1.16 xalan 1.8
1.16.1 Available under license:

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1.17 spring-beans 5.0.8

1.18 shadow 4.6-1.el7.centos.atom

1.18.1 Available under license :

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

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

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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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of these things:

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

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

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

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

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

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1.31 reflections 0.9.11

1.32 xorg-x11-fonts 7.5-9.el7

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1.33 cracklib 2.9.0 11.el7

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

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

That's all there is to it!

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

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

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

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

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http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html. You can also
obtain it by writing to the Free Software Foundation, Inc., 51
Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Copyright information:

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

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

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

EFFECTIVE OCT 2008, LICENSE IS BEING changed TO LGPL-2.1 (though not reflected
Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

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

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

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Re: [Cracklib-devel] cracklib license
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I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

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

Re: [Cracklib-devel] cracklib license
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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,

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looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
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yes. go for it. thanks++

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

---------
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
---------

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

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

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

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
 by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
 by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxptr020623
 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
 by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
 for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)

--------------
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

-----------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
-----------
Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

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-mike

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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
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CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

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

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

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 SMTTPSVC(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 SMTTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu ([131.151.1.43]) by scanin-ipv6.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtprr020623
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)
The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.34 acl 2.2.51-14.el7atomix1
1.34.1 Available under license:

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

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1.52 vim 7.4.629 6.el7

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/* Vim syntax file
" Language:Software Distributor product specification file
"(POSIX 1387.2-1995).
" Maintainer:Rex Barzee <rex_barzee@hp.com>
" Last change:25 Apr 2001

if version < 600
  " Remove any old syntax stuff hanging around
  syn clear
elseif exists("b:current_syntax")
  finish
endif

" Product specification files are case sensitive
syn case match

syn keyword psfObject bundle category control_file depot distribution
syn keyword psfObject end_file fileset host installed_software media
syn keyword psfObject product root subproduct vendor

syn match  psfUnquotString +[^# ][^#]+ contained
syn region psfQuotString  start=^"+ skip=+"+ end=^"+ contained

syn match  psfObjTag    "<[-_+A-Z0-9a-z]+\([-_+A-Z0-9a-z]\)+)+" contained
syn match  psfAttAbbrev  "<\{fa|fr\}[\{aclqrv\}\(<|>|<=|>=|==|==\)+]+ contained
syn match  psfObjTags    "<[-_+A-Z0-9a-z]+\([-_+A-Z0-9a-z]\)+)+\{\{|\}|\{\{|-\{<[-_+A-Z0-9a-z]+\}]+ contained

syn match  psfNumber    "\<|\d(\d+|\d*\d)(\d+|\d*\d)\>" contained
syn match  psfFloat     "\<|\d(\d+|\d*\d)(\d+|\d*\d)\>" contained

syn match  psfLongDate  "\<|\d{4}\d{2}\d{2}\>" contained

syn keyword psfState    available configured corrupt installed transient contained
syn keyword psfPState   applied committed superseded contained

syn keyword psfBoolean  false true contained
"Some of the attributes covered by attUnquotString and attQuotString:
  " architecture category_tag control_directory copyright
  " create_date description directory file_permissions install_source
  " install_type location machine_type mod_date number os_name os_release
  " os_version pose_as_os_name pose_as_os_release readme revision
  " share_link title vendor_tag

  " These regions are defined in attempt to do syntax checking for some
  " of the attributes.

  syn region psfAttUnquotString matchgroup=psfAttrib start="^\s*[\^# ]+\[^# ]+" end=-^[~]+ keepend oneline
  contains=psfUnquotString,psfComment

  syn region psfAttQuotString matchgroup=psfAttrib start="^\s*[\^# ]+\^"+\[^# ]+" end=~\"~ keepend
  contains=psfQuotString,psfComment

  syn region psfAttTag matchgroup=psfAttrib start="^\s*tag\s+" end="^\s+" keepend oneline
  contains=psfObjTag,psfComment

  syn region psfAttSpec matchgroup=psfAttrib
  start="^\s*\(ancestor|applied_patches|applied_to|contents|corequisites|exrequisites|prerequisites|software_spec|
  supersedes|superseded_by\)\s+" end="^\s+" keepend
  contains=psfObjTag,psfAttAbbrev,psfComment

  syn region psfAttTags matchgroup=psfAttrib
  start="^\s*all_filesets\s+" end="^\s+" keepend
  contains=psfObjTags,psfComment

  syn region psfAttNumber matchgroup=psfAttrib
  start="^\s*\(compressed_size|instance_id|media_sequence_number|sequence_number|size\)\s+" end="^\s+" keepend oneline
  contains=psfNumber,psfComment

  syn region psfAttTime matchgroup=psfAttrib
  start="^\s*\(create_time|ctime|mod_time|mtime|timestamp\)\s+" end="^\s+" keepend oneline
  contains=psfNumber,psfComment

  syn region psfAttFloat matchgroup=psfAttrib
  start="^\s*\(data_model_revision|layout_version\)\s+" end="^\s+" keepend oneline
  contains=psfFloat,psfComment

  syn region psfAttLongDate matchgroup=psfAttrib
  start="^\s*\install_date\s+" end="^\s+" keepend oneline
  contains=psfLongDate,psfComment

  syn region psfAttState matchgroup=psfAttrib
  start="^\s*\(state\)\s+" end="^\s+" keepend oneline
  contains=psfState,psfComment

  syn region psfAttPState matchgroup=psfAttrib
  start="^\s*\(patch_state\)\s+" end="^\s+" keepend oneline
  contains=psfPState,psfComment

  syn region psfAttBoolean matchgroup=psfAttrib
  start="^\s*\(is_kernel|is_locatable|is_patch|is_protected|is_reboot|is_reference|is_secure|is_sparse\)\s+" end="^\s+" keepend oneline
  contains=psfBoolean,psfComment
syn match psfComment "#.*$"

" Define the default highlighting.
" For version 5.7 and earlier: only when not done already
" For version 5.8 and later: only when an item doesn't have highlighting yet
if version >= 508 || !exists("did_psf_syntax_inits")
  if version < 508
    let did_psf_syntax_inits = 1
    command -nargs=+ HiLink hi link <args>
  else
    command -nargs=+ HiLink hi def link <args>
  endif
endif

HiLink psfObject Statement
HiLink psfAttrib Type
HiLink psfQuotString String
HiLink psfObjTag Identifier
HiLink psfAttAbbrev PreProc
HiLink psfObjTags Identifier

HiLink psfComment Comment

delcommand HiLink
endif

" Long descriptions and copyrights confuse the syntax highlighting, so
" force vim to backup at least 100 lines before the top visible line
" looking for a sync location.
syn sync lines=100

let b:current_syntax = "psf"
*uganda.txt*    For Vim version 7.4.  Last change: 2013 Jul 06

VIM REFERENCE MANUAL    by Bram Moolenaar

*uganda* *Uganda* *copying* *copyright* *license*
SUMMARY
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Vim is Charityware. You can use and copy it as much as you like, but you are
encouraged to make a donation for needy children in Uganda. Please see |kcc|
below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/
You can also sponsor the development of Vim. Vim sponsors can vote for features. See [sponsor]. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see [manual-copyright].

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under c), you can distribute it without the source code for the changes if the following three conditions are met:

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=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a
[sponsor]. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

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

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

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

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

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

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

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

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

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

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

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps.

When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

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

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

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

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

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

Sending money:*iccf-donations*

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

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

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

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

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

World: Use a postal money order. That should be possible from any country, 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:
B 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:
B 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:

1.53 compiler 0.9.3

1.54 zlib 1.2.3

1.54.1 Available under license:

/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017

   Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

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

*/
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1.55 libxcb 1.13 1.el7
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1.56 gmp 6.0.0 15.el7
1.56.1 Available under license:
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Version 2, June 1991

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Version 3, 29 June 2007

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@page
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+++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other
reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.
Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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1.76 spring-boot-starter 2.0.4

1.77 libsemanage 2.5 14.el7
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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of
suitable build resources, especially when we had to repeatedly build large
chunks of code. Norwood S came forward and worked with me to
setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire buildsystem we had. And he did this out of his own pocket, from
his own time, and has since upgraded the machine as well. It's now a 128GB,
48 core machine, with 4 SSD's and 4 sata disks : but the key metric is
that it can build from source, the entire CentOS-7 distro in under 22 hrs.
Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

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

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

Akemi Matsuno-Yagi
Alain Reguera Delgado
Alan Bartlett
Andreas Thienemann
Anssi Johansson
Athmane Madjoudj
Bonnie King
Brian Stinson
Carl Trieloff
Christoph Galuschka
Fabian Arrotin
Jakub Filak
James Moger
Jeff Sheltren
Jim Perrin
Johnny Hughes Jr
Karanbir Singh
Karsten Wade
Kay Williams
Manuel Wolfshant
Matej Habrnal
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Michael Scherer
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Pablo Sebastiin Greco
Pat Riehecky
Ralph Angenendt
Scott Robbins
Stephen John Smoogen
Trevor Hemsley
Tru Huynh
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Tyler Parsons

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1.88 spring-boot-starter-web 2.0.4

1.89 fdisk 2.23.2-61.el7

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size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0
---
#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)
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Initialize empty image
f1c9645d6b14efdfc417d8a3232685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df05067c18f2c9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

  Device  Boot      Start        End      Blocks   Id  System
-------------------

Create 1st primary partition
ada64ace122978d00d1d10e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

  Device  Boot      Start        End      Blocks   Id  System
__ts_dev__1  2048    4095        1024   83  Linux
-------------------

Create 2st primary partition
1beb87248e0d6e4e62749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a8a045db233418dd73fb bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th>Device</th>
<th>Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td>__ts_dev__1</td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
<td></td>
</tr>
<tr>
<td>__ts_dev__2</td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
<td></td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529cb59c9341afef0443f196a1 bsd.img

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

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start  end  size  fstype  [fsize bsize cpg]
c: 4096  20479  16384  unused  0   0

BSD disklabel command (m for help):
Command (m for help):

------

b5c121c2091b2ff26b880551feac7112 bsd.img

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

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start  end  size  fstype  [fsize bsize cpg]
a: 4096  6144  2049  4.2BSD  0   0   0

c: 4096  20479  16384  unused  0   0

d: 0   16064  16065  unused  0   0

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Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

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1.90 yum-metadata-parser 1.1.4 10.el7
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. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <mark.martinec@ijs.si>.

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

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

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

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

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

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

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

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

tmac/e.tmac
tmac/groff_me.man
doc/meintro.me
doc/meref.me

Hyphenation Patterns

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


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

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


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

http://dante.ctan.org/CTAN/language/hyphenation/dehyphn.tex
http://dante.ctan.org/CTAN/language/hyphenation/dehypht.tex

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

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

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AUTHOR
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Peter Schaffter (peter@schaffter.ca)
1-355 Lafontaine Ave
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with the library, after making changes to the library and recompiling
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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.

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

<one line to give the program's name and a brief idea of what it does.>
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
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`Gnomovision' (which makes passes at compilers) written by James Hacker.

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

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1.97 gtk 3.22.30 3.el7
1.97.1 Available under license:

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as the successor of the GNU Library Public License, version 2, hence
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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

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

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

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

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

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

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

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

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

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

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
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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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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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

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

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

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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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
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Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that companies distributing free
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Most GNU software, including some libraries, is covered by the ordinary
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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
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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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

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

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1.98 swagger-annotations 1.5.14
1.98.1 Available under license:

```java
package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 */
```
* @return the name of the license
*/
String name();

/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */
String url() default "";
}

1.99 jackson-module-parameter-names 2.9.6

1.100 python-lxml 3.2.1-4.el7

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**1.101 libxml 2.9.1-7.el7**

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1.102 pyxattr 0.5.1 5.el7
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/analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
/analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
/analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

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/analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
/analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
/analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
/analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
/analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
/analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
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**************************************************************************

------
$OpenBSD: LICENCE,v 1.19 2004/08/30 09:18:08 markus Exp $
#!/bin/sh
# Attempt to guess a canonical system name.
# Copyright 1992-2016 Free Software Foundation, Inc.

timestamp='2016-05-15'

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# of the GNU General Public License, version 3 ("GPLv3").
#
# Originally written by Per Bothner; maintained since 2000 by Ben Elliston.
#
# You can get the latest version of this script from:
# http://git.savannah.gnu.org/gitweb/?p=config.git;a=branch;f=autoconf
#
# Please send patches to <config-patches@gnu.org>.

me=`echo "`$0" | sed -e 's,.*/,,'``

usage="\nUsage: $0 [OPTION]\n\nOutput the configuration name of the system 'me' is run on.\n\nOperation modes:\n-h, --help print this help, then exit\n-t, --time-stamp print date of last modification, then exit\n-v, --version print version number, then exit\n\nReport bugs and patches to <config-patches@gnu.org>.""

version="\nGNU config.guess ($timestamp)\n\nOriginally written by Per Bothner.\nCopyright 1992-2016 Free Software Foundation, Inc.\n\nThis is free software; see the source for copying conditions. There is NO\nwarrranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.""

help="Try 'me --help' for more information.""

# Parse command line
while test $# -gt 0 ; do
  case $1 in
    --time-stamp | --time* | -t )

```
echo "$timestamp" ; exit ;;
--version | -v )
  echo "$version" ; exit ;;
--help | --h* | -h )
  echo "$usage" ; exit ;;
-- )     # Stop option processing
  shift; break ;;
- ) Use stdin as input.
  break ;;
-*)
  echo "$me: invalid option $1$help" >&2
  exit 1 ;;
*)
  break ;;
esac
done

if test $# != 0; then
  echo "$me: too many arguments$help" >&2
  exit 1
fi

trap 'exit 1' 1 2 15

# CC_FOR_BUILD -- compiler used by this script. Note that the use of a
# compiler to aid in system detection is discouraged as it requires
# temporary files to be created and, as you can see below, it is a
# headache to deal with in a portable fashion.

# Historically, `CC_FOR_BUILD' used to be named `HOST_CC'. We still
# use `HOST_CC' if defined, but it is deprecated.

# Portable tmp directory creation inspired by the Autoconf team.

set_cc_for_build='
trap "exitcode=$?; (rm -f $tmpfiles 2>/dev/null; rmdir $tmp 2>/dev/null) && exit $exitcode" 0 ;
trap "rm -f $tmpfiles 2>/dev/null; rmdir $tmp 2>/dev/null; exit 1" 1 2 13 15 ;
: ${TMPDIR=/tmp} ;
{ tmp=`(umask 077 && mktemp -d "$TMPDIR/cgXXXXXX") 2>/dev/null` && test -n "$tmp" && test -d "$tmp" ;}
{ test -n "$RANDOM" && tmp=$TMPDIR/cg$$-$RANDOM && (umask 077 && mkdir $tmp) ;}
{ tmp=$TMPDIR/cg-$$ && (umask 077 && mkdir $tmp) && echo "Warning: creating insecure temp directory" >&2 ;}
{ echo "$me: cannot create a temporary directory in $TMPDIR" >&2 ; exit 1 ;}
  dummy=$tmp/dummy ;
tmpfiles="$dummy.c $dummy.o $dummy.rel $dummy" ;
case "$CC_FOR_BUILD,HOST_CC,SCC" in
  *)
```

Open Source Used In NI-Base 2.0.1985
for c in cc gcc c89 c99 ; do
  if ($c -c -o $dummy.o $dummy.c) >/dev/null 2>&1 ; then
    CC_FOR_BUILD="$c"; break ;
  fi ;
done ;
if test x"SCC_FOR_BUILD" = x ; then
  CC_FOR_BUILD=no_compiler_found ;
fi
;;
,*,*)   CC_FOR_BUILD=$CC ;
,.*,*)  CC_FOR_BUILD=$HOST_CC ;
esac ; set_cc_for_build= ;'

# This is needed to find uname on a Pyramid OSx when run in the BSD universe.
# (ghazi@noc.rutgers.edu 1994-08-24)
if (test -f /.attbin/uname) >/dev/null 2>&1 ; then
  PATH=$PATH:/.attbin ; export PATH
fi
UNAME_MACHINE=`(uname -m) 2>/dev/null` || UNAME_MACHINE=unknown
UNAME_RELEASE=`(uname -r) 2>/dev/null` || UNAME_RELEASE=unknown
UNAME_SYSTEM=`(uname -s) 2>/dev/null` || UNAME_SYSTEM=unknown
UNAME_VERSION=`(uname -v) 2>/dev/null` || UNAME_VERSION=unknown
case "${UNAME_SYSTEM}" in
  Linux|GNU|GNU/*)
    # If the system lacks a compiler, then just pick glibc.
    # We could probably try harder.
    LIBC=gnu
    eval $set_cc_for_build
    cat <<EOF > $dummy.c
      #include <features.h>
      #if defined(__UCLIBC__)
        LIBC=uclibc
      #elif defined(__dietlibc__)
        LIBC=dietlibc
      #else
        LIBC=gnu
      #endif
    EOF
eval `$CC_FOR_BUILD -E $dummy.c 2>/dev/null | grep '^LIBC' | sed 's, ,,g'` ;;
esac

# Note: order is significant - the case branches are not exclusive.
case "${UNAME_MACHINE}:${UNAME_SYSTEM}:${UNAME_RELEASE}:${UNAME_VERSION}" in
*:NetBSD:*:*

# NetBSD (nbsd) targets should (where applicable) match one or
# more of the tuples: *-*-netbsdelf*, *-*-netbsdaout*,
# *-*-netbsdecoff* and *-*-netbsd*. For targets that recently
# switched to ELF, *-*-netbsd* would select the old
# object file format. This provides both forward
# compatibility and a consistent mechanism for selecting the
# object file format.
#
# Note: NetBSD doesn't particularly care about the vendor
# portion of the name. We always set it to "unknown".

sysctl="sysctl -n hw.machine_arch"

UNAME_MACHINE_ARCH=`(uname -p 2>/dev/null ||
                  /sbin/$sysctl 2>/dev/null ||
                  /usr/sbin/$sysctl 2>/dev/null ||
                  echo unknown)`

case "${UNAME_MACHINE_ARCH}" in
  armbe) machine=armeb-unknown ;;
  arm*) machine=arm-unknown ;;
  sh3el) machine=shl-unknown ;;
  sh3eb) machine=sh-unknown ;;
  sh5el) machine=sh5le-unknown ;;
  earmv*)
    arch=`echo ${UNAME_MACHINE_ARCH} | sed -e 's,^e\(armv[0-9]\).*$,\1,'`
    endian=`echo ${UNAME_MACHINE_ARCH} | sed -ne 's,^.*\(eb\)$,\1,p'`
    machine=${arch}${endian}-unknown ;;
  *) machine=${UNAME_MACHINE_ARCH}-unknown ;;
esac

# The Operating System including object format, if it has switched
# to ELF recently (or will in the future) and ABI.
case "${UNAME_MACHINE_ARCH}" in
  earm*)
    os=netbsdelf
    ;;
    arm*[i386|m68k|ns32k|sh3*[sparc|vax)
    eval $set_cc_for_build
    if echo __ELF__ | $CC_FOR_BUILD -E - 2>/dev/null \
        | grep -q __ELF__
    then
      # Once all utilities can be ECOFF (netbsdecoff) or a.out (netbsdaout).
      # Return netbsd for either. FIX?
      os=netbsd
    else
      os=netbsdelf
    fi
    ;;
  *)
os=netbsd
::
esac
# Determine ABI tags.
case "$UNAME_MACHINE_ARCH" in
  earm*)
    expr='s/^earmv[0-9]/-eabi/;s/eb$//'
    abi=`echo ${UNAME_MACHINE_ARCH} | sed -e "$expr```
  ;;
esac
# The OS release
# Debian GNU/NetBSD machines have a different userland, and
# thus, need a distinct triplet. However, they do not need
# kernel version information, so it can be replaced with a
# suitable tag, in the style of linux-gnu.
case "$UNAME_VERSION" in
  Debian*)
    release='-gnu'
  ;;
  *)
    release=`echo ${UNAME_RELEASE} | sed -e 's/[\-_].*//' | cut -d. -f1,2`
  ;;
esac
# Since CPU_TYPE-MANUFACTURER-KERNEL-OPERATING_SYSTEM:
# contains redundant information, the shorter form:
# CPU_TYPE-MANUFACTURER-OPERATING_SYSTEM is used.
echo "${machine}-${os}${release}${abi}"
echo "$UNAME_MACHINE_ARCH="arch | sed 's/Bitrig//'
echo "$UNAME_MACHINE_ARCH"-unknown-bitrig${UNAME_RELEASE}
echo "$UNAME_MACHINE_ARCH="arch | sed 's/OpenBSD//'
echo "$UNAME_MACHINE_ARCH"-unknown-openbsd${UNAME_RELEASE}
echo "$UNAME_MACHINE_ARCH="arch | sed 's/^.*BSD\.//'
echo "$UNAME_MACHINE_ARCH"-unknown-libertybsd${UNAME_RELEASE}
echo "$UNAME_MACHINE_ARCH"-unknown-ekkobsd${UNAME_RELEASE}
echo "$UNAME_MACHINE_ARCH"-unknown-solidbsd${UNAME_RELEASE}
macppc:MirBSD:*:*)
echo powerpc-unknown-mirbsd${UNAME_RELEASE}
exit ;;
*:MirBSD:*:*)
echo ${UNAME_MACHINE}-unknown-mirbsd${UNAME_RELEASE}
exit ;;
*:Sortix:*:*)
echo ${UNAME_MACHINE}-unknown-sortix
exit ;;
alpha:OSF1:*:*)
case $UNAME_RELEASE in
*4.0)
  UNAME_RELEASE="/usr/sbin/sizer -v | awk '{print $3}'"
  ;;
*5.*)
  UNAME_RELEASE="/usr/sbin/sizer -v | awk '{print $4}'"
  ;;
esac
# According to Compaq, /usr/sbin/psrinfo has been available on
# OSF/1 and Tru64 systems produced since 1995. I hope that
# covers most systems running today. This code pipes the CPU
# types through head -n 1, so we only detect the type of CPU 0.
ALPHA_CPU_TYPE="/usr/sbin/psrinfo -v | sed -n -e/^  The alpha (.*) processor.*$/p | head -n 1"
case "$ALPHA_CPU_TYPE" in
  "EV4 (21064)"
    UNAME_MACHINE=alpha ;;
  "EV4.5 (21064)"
    UNAME_MACHINE=alpha ;;
  "LCA4 (21066/21068)"
    UNAME_MACHINE=alpha ;;
  "EV5 (21164)"
    UNAME_MACHINE=alphaev5 ;;
  "EV5.6 (21164A)"
    UNAME_MACHINE=alphaev56 ;;
  "EV5.6 (21164PC)"
    UNAME_MACHINE=alphapca56 ;;
  "EV5.7 (21164PC)"
    UNAME_MACHINE=alphapca57 ;;
  "EV6 (21264)"
    UNAME_MACHINE=alphaev6 ;;
  "EV6.7 (21264A)"
    UNAME_MACHINE=alphaev67 ;;
  "EV6.8CB (21264C)"
    UNAME_MACHINE=alphaev68 ;;
  "EV6.8AL (21264B)"
    UNAME_MACHINE=alphaev68 ;;
  "EV6.8CX (21264D)"
    UNAME_MACHINE=alphaev68 ;;
  "EV6.9A (21264/EV69A)"
    UNAME_MACHINE=alphaev69 ;;
  "EV6.9A (21264/EV69A)"
    UNAME_MACHINE=alphaev69 ;;
"EV7 (21364)"
UNAME_MACHINE=alphaev7 ::
  "EV7.9 (21364A)"
UNAME_MACHINE=alphaev79 ::
esac
# A Pn.n version is a patched version.
# A Vn.n version is a released version.
# A Tn.n version is a released field test version.
# A Xn.n version is an unreleased experimental baselevel.
# 1.2 uses "1.2" for uname -r.
echo $[UNAME_MACHINE]-dec-osf echo $[UNAME_RELEASE] | sed -e 's/^[PVTX]// | tr ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz'
# Reset EXIT trap before exiting to avoid spurious non-zero exit code.
exitcode=$?
trap "0" exit $exitcode ::
  Alpha\*:Windows_NT*:*)
  # How do we know it's Interix rather than the generic POSIX subsystem?
  # Should we change UNAME_MACHINE based on the output of uname instead
  # of the specific Alpha model?
  echo alpha-pc-interix
  exit ::;
  21064:Windows_NT:50:3)
  echo alpha-dec-winnt3.5
  exit ::;
  Amiga*:UNIX_System_V:4.0:*)
  echo m68k-unknown-sysv4
  exit ::;
  *:[Aa]miga([Oo][Ss]:*:*)
  echo $[UNAME_MACHINE]-unknown-amigaos
  exit ::;
  *:[Mm]orph([Oo][Ss]:*:*)
  echo $[UNAME_MACHINE]-unknown-morphos
  exit ::;
  *:OS/390:*:*)
  echo i370-ibm-openedition
  exit ::;
  *:z/VM:*:*)
  echo s390-ibm-zvmoe
  exit ::;
  *:OS400:*:*)
  echo powerpc-ibm-os400
  exit ::;
  arm:*:RISC*:1.[012]:*:*|arm:*:riscix:1.[012]:*:*)
  echo arm-acorn-riscix$[UNAME_RELEASE]
  exit ::;
  arm*:riscos*:*:*|arm*:RISCOS*:*:*)
  echo arm-unknown-riscos
exit ;;

SR2?01:HI-UX/MPP:*:* | SR8000:HI-UX/MPP:*:*)
echo hppa1.1-hitachi-hiuxmpp
exit ;;

Pyramid*:OSx*:*: | MIS*:OSx*:*: | MIS*:SMP_DC-OSx*:#:)
# akee@wpdis03.wpafb.af.mil (Earle F. Ake) contributed MIS and NILE.
if test "/(bin/universe) 2>/dev/null" = att ; then
  echo pyramid-pyramid-sysv3
else
echo pyramid-pyramid-bsd
fi
exit ::

NILE*:*:*:dcosx)
echo pyramid-pyramid-svr4
exit ::

DRS?6000:unix:4.0:6*)
echo sparc-icl-nx6
exit ::

case `/usr/bin/uname -p` in
  Sparc) echo sparc-icl-nx7; exit ::
esac ;;

s390x:SunOS:*:*)
echo ${UNAME_MACHINE}-ibm-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[.]*//'
exit ;;

sun4H:SunOS:5.*:*)
echo sparc-hal-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[.]*//'
exit ;;

sun4*:SunOS:5.*: | tadpole*:SunOS:5.*:*)
echo sparc-sun-solaris2`echo ${UNAME_RELEASE}|sed -e 's/[.]*//'
exit ;;
i86pc:AuroraUX:5.*: | i86xen:AuroraUX:5.*:*)
echo i386-pc-auroraux`echo ${UNAME_RELEASE}
exi;;
i86pc:SunOS:5.*: | i86xen:SunOS:5.*:*)
eval $set_cc_for_build
SUN_ARCH=i386
# If there is a compiler, see if it is configured for 64-bit objects.
# Note that the Sun cc does not turn __LP64__ into 1 like gcc does.
# This test works for both compilers.
if [ "$CC_FOR_BUILD" != no_compiler_found ]; then
  if (echo '#ifdef __amd64'; echo IS_64BIT_ARCH; echo '#endif') | 
    (CLOPTS="" $CC_FOR_BUILD -E - 2>/dev/null) | 
    grep IS_64BIT_ARCH >/dev/null
  then
    SUN_ARCH=x86_64
  fi
fi
echo \${SUN_ARCH}\-pc-solaris2`echo \${UNAME\_RELEASE}\|sed -e 's/[\^.\*]/\''\`
exit ::
sun4*:SunOS.6*:*)
# According to config.sub, this is the proper way to canonicalize
# SunOS6. Hard to guess exactly what SunOS6 will be like, but
# it's likely to be more like Solaris than SunOS4.
echo sparc\-sun\-solaris3`echo \${UNAME\_RELEASE}\|sed -e 's/[\^.\*]/\''\`
exit ::
sun4*:SunOS.6*:*)
case "!/usr/bin/arch \(-k\)" in
  Series\*[S4]*)
    UNAME\_RELEASE=\`uname \-v\`
  ;;
esac
# Japanese Language versions have a version number like `4.1.3-JL'.
echo sparc\-sun\-sunos`echo \${UNAME\_RELEASE}\|sed -e 's/-/_/\''
exit ::
sun3*:SunOS:*:*)
echo m68k\-sun\-sunos\${UNAME\_RELEASE}
exit ::
sun*:*:4.2BSD:*)
UNAME\_RELEASE=\`(sed 1q /etc/motd \| awk `{print substr(5,1,3)}`) 2>/dev/null` test "x\${UNAME\_RELEASE}" = x && UNAME\_RELEASE=3
case "!/bin/arch" in
  sun3)
    echo m68k\-sun\-sunos\${UNAME\_RELEASE}
  ;;
sun4)
    echo sparc\-sun\-sunos\${UNAME\_RELEASE}
  ;;
esac
exit ::
aushp:SunOS:*:*)
echo sparc\-auspex\-sunos\${UNAME\_RELEASE}
exit ::
  # The situation for MiNT is a little confusing. The machine name
  # can be virtually everything (everything which is not
  # "atarist" or "atariste" at least should have a processor
  # > m68000). The system name ranges from "MiNT" over "FreeMiNT"
  # to the lowercase version "mint" (or "freemint"). Finally
  # the system name "TOS" denotes a system which is actually not
  # MiNT. But MiNT is downward compatible to TOS, so this should
  # be no problem.
  atarist[e]:*MiNT:*:* | atarist[e]:*mint:*:* | atarist[e]:*TOS:*:*)
echo m68k\-atari\-mint\${UNAME\_RELEASE}
exit ::
  atari*:*MiNT:*:* | atari*:*mint:*:* | atarist[e]:*TOS:*:*)
echo m68k\-atari\-mint\${UNAME\_RELEASE}
exit ;
 *falcon*:MiNT:*:* | *falcon*:mint:*:* | *falcon*:TOS:*:*)
 echo m68k-atari-mint${UNAME_RELEASE}
 exit ;
 milan*:MiNT:*:* | milan*:mint:*:* | milan*:TOS:*:*)
 echo m68k-milan-mint${UNAME_RELEASE}
 exit ;
 hades*:MiNT:*:* | hades*:mint:*:* | hades*:TOS:*:*)
 echo m68k-hades-mint${UNAME_RELEASE}
 exit ;
 *:*MiNT:*:* | *:mint:*:* | *:TOS:*:*)
 echo m68k-unknown-mint${UNAME_RELEASE}
 exit ;
 m68k:machten:*:*)
 echo m68k-apple-machten${UNAME_RELEASE}
 exit ;
 powerpc:machten:*:*)
 echo powerpc-apple-machten${UNAME_RELEASE}
 exit ;
 RISC*:Mach:*:*)
 echo mips-dec-mach_bsd4.3
 exit ;
 RISC*:ULTRIX:*:*)
 echo mips-dec-ultrix${UNAME_RELEASE}
 exit ;
 VAX*:ULTRIX:*:*)
 echo vax-dec-ultrix${UNAME_RELEASE}
 exit ;
 2020:CLIX:*:* | 2430:CLIX:*:*)
 echo clipper-intergraph-clix${UNAME_RELEASE}
 exit ;
 mips:*:*:UMIPS | mips:*:*:RISCos)
 eval $set_cc_for_build
 sed 's/^	//' << EOF >$dummy.c
 #ifdef __cplusplus
#include <stdio.h> /* for printf() prototype */
 int main (int argc, char *argv[]) {
#else
 int main (argc, argv) int argc; char *argv[]; {
#endif
 #else
 #if defined (host_mips) && defined (MIPSEB)
 #if defined (SYSTYPE_SYSV)
 printf ("mips-mips-riscos%syssv\n", argv[1]); exit (0);
 #endif
 #if defined (SYSTYPE_SVR4)
 printf ("mips-mips-riscos%ssvr\n", argv[1]); exit (0);
 #endif
 #if defined (SYSTYPE_BSD43) || defined(SYSTYPE_BSD)
printf ("mips-mips-riscos%sbsd\n", argv[1]); exit (0);
#endif
#endif
exit (-1);
}
EOF
$CC_FOR_BUILD -o $dummy $dummy.c &&
dummyarg=`echo "${UNAME_RELEASE}" | sed -n 's/[0-9].*/\1/p'` &&
SYSTEM_NAME=`$dummy $dummyarg` &&
{ echo "$SYSTEM_NAME"; exit; }
echo mips-mips-riscos${UNAME_RELEASE}
exit ::
    Motorola:PowerMAX_OS:*:*)
echo powerpc-motorola-powermax
exit ::
    Motorola:*:4.3:PL8-*)
echo powerpc-harris-powermax
exit ::
    Night_Hawk:*:*:PowerMAX_OS | Synergy:PowerMAX_OS:*:*)
echo powerpc-harris-powermax
exit ::
    Night_Hawk:Power_UNIX:*:*)
echo powerpc-harris-powerunix
exit ::
    m88k:CX/UX:7*:*)
echo m88k-harris-cxux7
exit ::
    m88k:*:4*:R4*)
echo m88k-motorola-sysv4
exit ::
    m88k:*:3*:R3*)
echo m88k-motorola-sysv3
exit ::
    AViiON:dgux:*:*)
# DG/UX returns AViiON for all architectures
UNAME_PROCESSOR="/usr/bin/uname -p"
if [ $UNAME_PROCESSOR = mc88100 ] || [ $UNAME_PROCESSOR = mc88110 ]
then
    if [ ${TARGET_BINARY_INTERFACE}x = m88kdguxelfx ] || 
      [ ${TARGET_BINARY_INTERFACE}x = x ]
    then
        echo m88k-dg-dgux${UNAME_RELEASE}
    else
        echo m88k-dg-dguxbcs${UNAME_RELEASE}
    fi
else
    echo i586-dg-dgux${UNAMERELEASE}
fi

Open Source Used In NI-Base 2.0.1994
exit ;;
M88*:*:DolphinOS:*:*:*) # DolphinOS (SVR3)
echo m88k-dolphin-sysv3
exit ;;
  M88*:R3*:*)
# Delta 88k system running SVR3
echo m88k-motorola-sysv3
exit ;;
  XD88*:*:*:*) # Tektronix XD88 system running UTekV (SVR3)
echo m88k-tektronix-sysv3
exit ;;
  Tek43[0-9][0-9]:*:UTek:*:*:*:*) # Tektronix 4300 system running UTek (BSD)
echo m68k-tektronix-bsd
exit ;;
  *:*:IRIX*:*)
echo mips-sgi-irix `echo ${UNAME_RELEASE}|sed -e '/-_/g'`
exit ;;
  ????????:AIX?:[12].1:2)   # AIX 2.2.1 or AIX 2.1.1 is RT/PC AIX.
echo romp-ibm-aix # uname -m gives an 8 hex-code CPU id
exit ;;            # Note that: echo "'`uname -s`'" gives 'AIX '
i*86:AIX:*:*:*)
echo i386-ibm-aix
exit ;;
  ia64:AIX:*:*:*)
if [ -x /usr/bin/oslevel ] ; then
IBM_REV=`/usr/bin/oslevel`
else
IBM_REV=${UNAME_VERSION}.${UNAME_RELEASE}
fi
echo ${UNAME_MACHINE}-ibm-aix${IBM_REV}
exit ;;
*:AIX:2:3)
if grep bos325 /usr/include/stdio.h >/dev/null 2>&1; then
eval $set_cc_for_build
sed 's/^[ 	]//' << EOF >$dummy.c
#include <sys/systemcfg.h>
main()
{
if (!__power_pc())
exit(1);
puts("powerpc-ibm-aix3.2.5");
exit(0);
}
EOF
if SCC_FOR_BUILD -o $dummy $dummy.c && SYSTEM_NAME=$dummy'
then
echo "$SYSTEM_NAME"
else
echo rs6000-ibm-aix3.2.5
fi
elif grep bos324 /usr/include/stdio.h >/dev/null 2>&1; then
echo rs6000-ibm-aix3.2.4
else
echo rs6000-ibm-aix3.2
fi
exit ;;
*:AIX:*:[4567])
IBM_CPU_ID=/usr/sbin/lsdev -C -c processor -S available | sed 1q | awk '{ print $1 }'
if /usr/sbin/lsattr -El $[IBM_CPU_ID] | grep 'POWER' >/dev/null 2>&1; then
IBM_ARCH=rs6000
else
IBM_ARCH=powerpc
fi
if [-x /usr/bin/lslpp ]; then
IBM_REV=/usr/bin/lslpp -Lqc bos.rte.libc |
   awk -F: '{ print $3 }' | sed s/[0-9]*$/0/
else
IBM_REV=${UNAME_VERSION}.${UNAME_RELEASE}
fi
echo ${IBM_ARCH}-ibm-aix${IBM_REV}
exit ;;
*:AIX:*:*)
echo rs6000-ibm-aix
exit ;;
ibmrt:4.4BSD:*|romp-ibm:BSD:*)
echo romp-ibm-bsd4.4
exit ;;
ibmrt:*BSD:*|romp-ibm:BSD:*)               # covers RT/PC BSD and
echo romp-ibm-bsd${UNAME_RELEASE}       # 4.3 with uname added to
exit ;;  # report: romp-ibm BSD 4.3
*:BOSX:*:*)
echo rs6000-bull-bosx
exit ;;
DPX/2?00:B.O.S.:*:*)
echo m68k-bull-sysv3
exit ;;
9000/[34]??:4.3bsd:1:*:*)
echo m68k-hp-bsd
exit ;;
hp300:4.4BSD:*:* | 9000/[34]??:4.3bsd:2:*:*)
echo m68k-hp-bsd4.4
exit ;;
9000/[34678]??:HP-UX:*:*)
HPUX_REV=`echo ${UNAME_RELEASE}|sed -e 's/[^.]*.\[0B\]*/\n
$\{UNAME_MACHINE\}'' in
if [ -x /usr/bin/getconf ]; then
    sc_cpu_version="/usr/bin/getconf SC_CPU_VERSION 2>/dev/null"
    sc_kernel_bits="/usr/bin/getconf SC_KERNEL_BITS 2>/dev/null"
    case "$[sc_cpu_version]" in
        523) HP_ARCH=hppa1.0 ;; # CPU_PA_RISC1_0
        528) HP_ARCH=hppa1.1 ;; # CPU_PA_RISC1_1
        532)                      # CPU_PA_RISC2_0
        *) HP_ARCH=hppa2.0 ;; # HP-UX 10.20
    esac
    esac
fi
if [ "${HP_ARCH}" = "" ]; then
    eval $set_cc_for_build
    sed 's/^		//' << EOF >$dummy.c
    #define _HPUX_SOURCE
    #include <stdlib.h>
    #include <unistd.h>
    int main ()
    {
        #if defined(_SC_KERNEL_BITS)
            long bits = sysconf(_SC_KERNEL_BITS);
        #endif
            long cpu  = sysconf (_SC_CPU_VERSION);

            switch (cpu)
            {
                case CPU_PA_RISC1_0: puts ("hppa1.0"); break;
                case CPU_PA_RISC1_1: puts ("hppa1.1"); break;
                case CPU_PA_RISC2_0:
                    #if defined(_SC_KERNEL_BITS)
                        switch (bits)
                        {
                            case 64: puts ("hppa2.0w"); break;
                            case 32: puts ("hppa2.0n"); break;
                            default: puts ("hppa2.0"); break;
                        } break;
                    #else /* !defined(_SC_KERNEL_BITS) */
                        puts ("hppa2.0"); break;
                    #endif
                default: puts ("hppa1.0"); break;
            }
    }
    #else /* !defined(_SC_KERNEL_BITS) */
        puts ("hppa2.0"); break;
    #endif
default: puts ("hppa1.0"); break;
EOF

( CCOPTS="" SCC_FOR_BUILD -o $dummy $dummy.c 2>/dev/null ) && HP_ARCH=`$dummy`

test -z "$HP_ARCH" && HP_ARCH=hppa

fi ::;
esac

if [ ${HP_ARCH} = hppa2.0w ]
then
  eval $set_cc_for_build

  # hppa2.0w-hp-hpux* has a 64-bit kernel and a compiler generating
  # 32-bit code. hppa64-hp-hpux* has the same kernel and a compiler
  # generating 64-bit code. GNU and HP use different nomenclature:
  #
  # $ CC_FOR_BUILD=cc ./config.guess
  # => hppa2.0w-hp-hpux11.23
  # $ CC_FOR_BUILD="cc +DA2.0w" ./config.guess
  # => hppa64-hp-hpux11.23

  if echo __LP64__ | ( CCOPTS="" SCC_FOR_BUILD -E - 2>/dev/null ) |
     grep -q __LP64__
  then
    HP_ARCH=hppa2.0w
  else
    HP_ARCH=hppa64
  fi
fi

echo ${HP_ARCH}-hp-hpux${HPUX_REV}
exit ;;

ia64:HP-UX:*:*)

HPUX_REV=`echo ${UNAME_RELEASE}|sed -e 's/^[^.]*/[0B]/'`

echo ia64-hp-hpux${HPUX_REV}
exit ;;

3050*:HI-UX:*:*)

eval $set_cc_for_build

sed 's/\*/ < EOF >$dummy.c

#include <unistd.h>

int main ()
{
  long cpu = sysconf (_SC_CPU_VERSION);
  
/* The order matters, because CPU_IS_HP_MC68K erroneously returns
  true for CPU_PA_RISC1_0. CPU_IS_PA_RISC returns correct
  results, however. */

  if (CPU_IS_PA_RISC (cpu))
  {

  }
switch (cpu)
{
    case CPU_PA_RISC1_0: puts("hppa1.0-hitachi-hiuxwe2"); break;
    case CPU_PA_RISC1_1: puts("hppa1.1-hitachi-hiuxwe2"); break;
    case CPU_PA_RISC2_0: puts("hppa2.0-hitachi-hiuxwe2"); break;
    default: puts("hppa-hitachi-hiuxwe2"); break;
}
}
else if (CPU_IS_HP_MC68K (cpu))
    puts("m68k-hitachi-hiuxwe2");
else puts("unknown-hitachi-hiuxwe2");
exit (0);
}
EOF
SCC_FOR_BUILD -o $dummy $dummy.c && SYSTEM_NAME=`$dummy` &&
{ echo "$SYSTEM_NAME"; exit; }
echo unknown-hitachi-hiuxwe2
exit ::
    9000/7???:4.3bsd:*:* | 9000/8??[79]:4.3bsd:*:*
    echo hppa1.1-hp-bsd
    exit ::
    9000/8???:4.3bsd:*:*
    echo hppa1.0-hp-bsd
    exit ::
    *9???:MPE/iX:*:* | *3000*:MPE/iX:*:*
    echo hppa1.0-hp-mpeix
    exit ::
    hp7???:OSF1:*:* | hp8?[79]:OSF1:*:*
    echo hppa1.1-hp-osf
    exit ::
    hp8???:OSF1:*:*
    echo hppa1.0-hp-osf
    exit ::
i*86:OSF1:*:*
    if [ -x /usr/sbin/sysversion ] ; then
        echo ${UNAME_MACHINE}-unknown-osf1mk
    else
        echo ${UNAME_MACHINE}-unknown-osf1
    fi
    exit ::
    parisc*:Lites*:*:*
    echo hppa1.1-hp-lites
    exit ::
    C1*:ConvexOS:*:* | convex:ConvexOS:C1:*:
    echo c1-convex-bsd
    exit ::
    C2*:ConvexOS:*:* | convex:ConvexOS:C2:*:
    if getsysinfo -f scalar_acc
then echo c32-convex-bsd
else echo c2-convex-bsd
fi
exit ::;
C34*:ConvexOS:*:* | convex:ConvexOS:C34*:*)
then echo c34-convex-bsd
else
C38*:ConvexOS:*:* | convex:ConvexOS:C38*:*)
then echo c38-convex-bsd
else
C4*:ConvexOS:*:* | convex:ConvexOS:C4*:*)
then echo c4-convex-bsd
else
CRAY*Y-MP:*:*:*)
then echo ymp-cray-unicos$[UNAME_RELEASE] | sed -e 's/\[\^\]\]*$/X/'
else
CRAY*[A-Z]90:*:*:*)
then echo $[UNAME_MACHINE]-c-ray-unicos$[UNAME_RELEASE] \| sed -e 's/CRAY.*([A-Z]90)/\1/\ e y/ABCDEFHIJKLMNOPQRSTUVWXYZ/abcdefghijklmnopqrstuvwxyz/ \ e 's/\[\^\]*$/X/'
exi
CRAY*TS:*:*:*)
then echo t90-cray-unicos$[UNAME_RELEASE] | sed -e 's/\[\^\]\]*$/X/'
exi
CRAY*T3E:*:*:*)
then echo alphaev5-cray-unicosmk$[UNAME_RELEASE] | sed -e 's/\[\^\]\]*$/X/'
exi
*:UNICOS/mp:*:*)
then echo craynv-cray-unicosmp$[UNAME_RELEASE] | sed -e 's/\[\^\]\]*$/X/'
exi:
F30[01]:UNIX_System_V:*:*:*)
FUJITSU_PROC=`uname -m | tr ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz`
FUJITSU_SYS=`uname -p | tr ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz | sed -e 's/\//\1/'
FUJITSU_REL=`echo ${UNAME_RELEASE} | sed -e 's/ /_/'
then echo "${FUJITSU_PROC}-fujitsu-${FUJITSU_SYS}${FUJITSU_REL}"
exi
F700:UNIX_System_V:4.*:*)
FUJITSU_SYS=`uname -p | tr ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz | sed -e 's/\//\1/'
exi:
sparc-fujitsu-${FUJITSU_SYS}${FUJITSU_REL}"
exi
i*86:BSD/386:*:* | i*86:BSD/OS:*:* | *:Ascend\ Embedded/OS:*:*)
echo $(UNAME_MACHINE)-pc-bsdi$(UNAME_RELEASE)
exi
   sparc*:BSD/OS:*:*
echo sparc-unknown-bsdi$(UNAME_RELEASE)
exi
*:BSD/OS:*:*)
echo $(UNAME_MACHINE)-unknown-bsdi$(UNAME_RELEASE)
exi
*:FreeBSD:*:*)
UNAME_PROCESSOR="/usr/bin/uname -p"
case $(UNAME_PROCESSOR) in
  amd64)
echo x86_64-unknown-freebsd`echo $(UNAME_RELEASE)|sed -e 's/[-\[]*//" ;
   *
echo $(UNAME_PROCESSOR)-unknown-freebsd`echo $(UNAME_RELEASE)|sed -e 's/[-\[]*//" ;
esac
exi
   i*:CYGWIN*:*)
echo $(UNAME_MACHINE)-pc-cygwin
exi
*:MINGW64*:*)
echo $(UNAME_MACHINE)-pc-mingw64
exi
*:MINGW*:*)
echo $(UNAME_MACHINE)-pc-mingw32
exi
*:MSYS*:*)
echo $(UNAME_MACHINE)-pc-msys
exi
   i*:windows32*:*)
# uname -m includes "-pc" on this system.
echo $(UNAME_MACHINE)-mingw32
exi
   i*:PW*:*)
echo $(UNAME_MACHINE)-pc-pw32
exi
*:Interix*:*)
case $(UNAME_MACHINE) in
  x86)
echo i586-pc-interix$(UNAME_RELEASE)
exi
   authenticamd | genuineintel | EM64T)
echo x86_64-unknown-interix$(UNAME_RELEASE)
exi
   IA64)
echo ia64-unknown-interix$(UNAME_RELEASE)
exi
esac ;;

echo i${UNAME_MACHINE}-pc-mks
exit ;;

8664:Windows_NT:*)
echo x86_64-pc-mks
exit ;;
i*:Windows_NT:* | Pentium*:Windows_NT:*)
# How do we know it's Interix rather than the generic POSIX subsystem?
# It also conflicts with pre-2.0 versions of AT&T UWIN. Should we
# UNAME_MACHINE based on the output of uname instead of i386?
echo i586-pc-interix
exit ;;
i*:UWIN*:*)
echo ${UNAME_MACHINE}-pc-uwin
exit ;;

amd64:CYGWIN*:.* | x86_64:CYGWIN*:.*:
echo x86_64-unknown-cygwin
exit ;;
p*:CYGWIN*:*)
echo powerpc-le-unknown-cygwin
exit ;;

pre*:*:SunOS:5.*:*)
echo powerpc-le-unknown-solaris2`echo ${UNAME_RELEASE}|sed -e 's/\.[^\-].*\$/\1/''
exit ;;
*:GNU*:.*:
# the GNU system
echo `echo ${UNAME_MACHINE}|sed -e 's,\([^/\-].*\))/\1/\,/'
exit ;;
*:GNU/*/.*:*
# other systems with GNU libc and userland
echo ${UNAME_MACHINE}-unknown- echo ${UNAME_SYSTEM} | sed 's,^[^/\-].*\)/\,/' | tr "[upper:]" "[lower:]"`echo ${UNAME_RELEASE}|sed -e 's,\([^/\-].*\))/\,/'-${LIBC}
exit ;;
i*86:Minix:.*:*)
echo ${UNAME_MACHINE}-pc-minix
exit ;;
aarch64:Linux:.*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
aarch64_be:Linux:.*:*)
UNAME_MACHINE=aarch64_be
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
alpha:Linux:.*:*)
case `sed -n '/^cpu model/s/[^/\-].*/\1/p' < /proc/cpuinfo` in
EV5)  UNAME_MACHINE=alphaev5 ;;
EV56) UNAME_MACHINE=alphaev56 ;;
PCA56) UNAME_MACHINE=alphapca56 ;;
PCA57) UNAME_MACHINE=alphapca56 ;;
EV6) UNAME_MACHINE=alphaev6 ;;
EV67) UNAME_MACHINE=alphaev67 ;;
EV68*) UNAME_MACHINE=alphaev68 ;;
esac
objdump --private-headers /bin/sh | grep -q ld.so.1
if test "$?" = 0 ; then LIBC=gnulibc1 ; fi
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
  arc:Linux:*:* | arceb:Linux:*:*)
  echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
  exit ;;
  arm*:Linux:*:*)
eval $set_cc_for_build
if echo __ARM_EABI__ | $CC_FOR_BUILD -E - 2>/dev/null \
  | grep -q __ARM_EABI__
then
  echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
else
  if echo __ARM_PCS_VFP | $CC_FOR_BUILD -E - 2>/dev/null \
     | grep -q __ARM_PCS_VFP
  then
    echo ${UNAME_MACHINE}-unknown-linux-${LIBC}eabi
  else
    echo ${UNAME_MACHINE}-unknown-linux-${LIBC}eabihf
  fi
fi
exit ;;
avr32*:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
cris:Linux:*:*)
echo ${UNAME_MACHINE}-axis-linux-${LIBC}
exit ;;
crisv32:Linux:*:*)
echo ${UNAME_MACHINE}-axis-linux-${LIBC}
exit ;;
e2k:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
frv:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
hexagon:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
i*86:Linux:*:*)
echo ${UNAME_MACHINE}-pc-linux-${LIBC}
exit ;;
 ia64:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
 k1om:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
 m32r*:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
 m68*:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
 mips:Linux:*:* | mips64:Linux:*:*)
eval $set_cc_for_build
sed 's/\t//' << EOF >$dummy.c
#undef CPU
#undef ${UNAME_MACHINE}
#undef ${UNAME_MACHINE}el
#if defined(__MIPSEL__) || defined(__MIPSEL) || defined(_MIPSEL) || defined(MIPSEL)
CPU=${UNAME_MACHINE}el
#else
#if defined(__MIPSEB__) || defined(__MIPSEB) || defined(_MIPSEB) || defined(MIPSEB)
CPU=${UNAME_MACHINE}
#else
CPU=
#endif
#endif
EOF
eval `$CC_FOR_BUILD -E $dummy.c 2>/dev/null | grep '^CPU'
test x"${CPU}" != x && { echo "$${CPU}-unknown-linux-${LIBC}"; exit; } ;;
 openrisc*:Linux:*:*)
echo or1k-unknown-linux-${LIBC}
exit ;;
or32:Linux:*:* | or1k*:Linux:*:*)
echo ${UNAME_MACHINE}-unknown-linux-${LIBC}
exit ;;
padre:Linux:*:*)
echo sparc-unknown-linux-${LIBC}
exit ;;
parisc64:Linux:*:* | hppa64:Linux:*:*)
echo hppa64-unknown-linux-${LIBC}
exit ;;
parisc:Linux:*:* | hppa:Linux:*:*)
# Look for CPU level

Open Source Used In NI-Base 2.0.11004
case `grep `*cpu[^a-z]*:/proc/cpuinfo 2>/dev/null | cut -d' ' -f2` in
  PA7*) echo hppa1.1-known-linux-$[LIBC] ;;
  PA8*) echo hppa2.0-known-linux-$[LIBC] ;;
  *) echo hppa-known-linux-$[LIBC] ;;
esac
exit ;;
ppc64:Linux:*:*
echo powerpc64-unknown-linux-$[LIBC]
exi
ppc:Linux:*:*
echo powerpc-unknown-linux-$[LIBC]
exi
ppc64le:Linux:*:*
echo powerpc64le-unknown-linux-$[LIBC]
exi
ppc:Linux:*:*
echo powerpc-unknown-linux-$[LIBC]
exi
s390:Linux:*:*
echo ${UNAME_MACHINE}-ibm-linux-$[LIBC]
exi
sh64*:Linux:*:*
echo ${UNAME_MACHINE}-unknown-linux-$[LIBC]
exi
sh*:Linux:*:*
echo ${UNAME_MACHINE}-unknown-linux-$[LIBC]
exi
sparc:Linux:*:* | sparc64:Linux:*:*
echo ${UNAME_MACHINE}-unknown-linux-$[LIBC]
exi
tile*:Linux:*:*
echo ${UNAME_MACHINE}-unknown-linux-$[LIBC]
exi
vax:Linux:*:*
echo ${UNAME_MACHINE}-dec-linux-$[LIBC]
exi
x86_64:Linux:*:*
echo ${UNAME_MACHINE}-pc-linux-$[LIBC]
exi
xtensa*:Linux:*:*
echo ${UNAME_MACHINE}-unknown-linux-$[LIBC]
exi
i86:DYNIX/ptx:4*:*
# ptx 4.0 does uname -s correctly, with DYNIX/ptx in there.
# earlier versions are messed up and put the nodename in both
# sysname and nodename.
echo i386-sequent-sysv4
exit ;;
# Unixware is an offshoot of SVR4, but it has its own version
# number series starting with 2...
# I am not positive that other SVR4 systems won't match this,
# I just have to hope.  -- rms.
# Use sysv4.2uw... so that sysv4* matches it.
echo ${UNAME_MACHINE}-pc-sysv4.2uw${UNAME_VERSION}
exit ::
i*86:OS/2::*
# If we were able to find `uname', then EMX Unix compatibility
# is probably installed.
echo ${UNAME_MACHINE}-pc-os2-emx
exit ::
i*86:XTS-300::*:STOP)
echo ${UNAME_MACHINE}-unknown-stop
exit ::
i*86:atheos::*
echo ${UNAME_MACHINE}-unknown-atheos
exit ::
i*86:syllable::*
echo ${UNAME_MACHINE}-pc-syllable
exit ::
i*86:LynxOS:2::* | i*86:LynxOS:3.[01]* | i*86:LynxOS:4.[02]*
echo i386-unknown-lynxos${UNAME_RELEASE}
exit ::
i*86:*DOS::*
echo ${UNAME_MACHINE}-pc-msdosdjgpp
exit ::
i*86::*:4.*::* | i*86:SYSTEM_V:4.*
UNAME_REL=`echo ${UNAME_RELEASE} | sed \`s/\MP$\``
if grep Novell /usr/include/link.h >/dev/null 2>/dev/null; then
echo ${UNAME_MACHINE}-univel-sysv${UNAME_REL}
else
echo ${UNAME_MACHINE}-pc-sysv${UNAME_RELEASE}
fi
exit ::
i*86::*:5:[678]*
# UnixWare 7.x, OpenUNIX and OpenServer 6.
case `/bin/uname -X | grep "^Machine":` in
  *486*) UNAME_MACHINE=i486 ::
  *Pentium) UNAME_MACHINE=i586 ::
  *Pent*|*Celeron) UNAME_MACHINE=i686 ::
esac
echo ${UNAME_MACHINE}-unknown-
sysv${UNAME_RELEASE}${UNAME_SYSTEM}${UNAME_VERSION}
exit ::
i*86::*:3.2::*
if test -f /usr/options/cb.name; then
UNAME_REL=`sed -n 's/.*Version //p' </usr/options/cb.name`

echo ${UNAME_MACHINE}-pc-isc$UNAME_REL

elif /bin/uname -X 2>/dev/null >/dev/null ; then
  UNAME_REL='(/bin/uname -X|grep Release|sed -e 's/.*= //')'
  ( /bin/uname -X|grep i80486 >/dev/null ) &&
  && UNAME_MACHINE=i486
  ( /bin/uname -X|grep '^Machine.*Pentium' >/dev/null )
  && UNAME_MACHINE=i686
  ( /bin/uname -X|grep '^Machine.*Pentium Pro' >/dev/null )
  && UNAME_MACHINE=i686
  echo ${UNAME_MACHINE}-pc-sco$UNAME_REL
else
  echo ${UNAME_MACHINE}-pc-sysv32
fi

exit
pc:*:*:*:

# Left here for compatibility:
# `uname -m` prints for DJGPP always 'pc', but it prints nothing about
# the processor, so we play safe by assuming i586.
# Note: whatever this is, it MUST be the same as what `config.sub`
# prints for the "djgpp" host, or else GDB configure will decide that
# this is a cross-build.

echo i586-pc-msdosdjgpp
exit

  Intel:Mach:3*:*)
echo i386-pc-mach3
exit

  paragon:*:*:*)
echo i860-intel-osf1
exit

  i860:*:4:*:*) # i860-SVR4
if grep Stardent /usr/include/sys/uadmin.h >/dev/null 2>&1 ; then
  echo i860-stardent-sysv${UNAME_RELEASE} # Stardent Vistra i860-SVR4
else # Add other i860-SVR4 vendors below as they are discovered.
  echo i860-unknown-sysv${UNAME_RELEASE} # Unknown i860-SVR4
fi
exit

  mini*:CTIX:SYS*:*)
# "miniframe"
echo m68010-convergent-sysv
exit

  mc68k:UNIX:SYSTEM5:3.51m)
echo m68k-convergent-sysv
exit

  M680?0:D-NIX:5.3:*)
echo m68k-diab-dnix
exit

}
M68*:.*:R3V[5678]*:*)
test -r /sysV68 && { echo 'm68k-motorola-sysv'; exit; } ;;
3[345]??:*:4.0:* | 3[34]??:*:4.0:* | 3[34]??:*:4.0:* | 4400:*:4.0:* | 4850:*:4.0:3.0 | SKA40:*:4.0:3.0 | SDS2:*:4.0:3.0 | SHG2:*:4.0:3.0 | S7501*:.*:4.0:3.0)
OS_REL=''
test -r /etc/.relid
&& OS_REL=`sed -n 's/\[^ \]* \[^ \]* \([0-9]\[0-9]\).*/\1/p' < /etc/.relid`
/bin/uname -p 2>/dev/null | grep 86 >/dev/null
&& { echo i486-ncr-sysv4.3$[OS_REL]; exit; } ;
/bin/uname -p 2>/dev/null | /bin/grep entium >/dev/null
&& { echo i586-ncr-sysv4.3$[OS_REL]; exit; } ;;
3[34]??:*:4.0:* | 3[34]??:*:4.0:*)
/bin/uname -p 2>/dev/null | grep 86 >/dev/null
&& { echo i486-ncr-sysv4; exit; } ;;
NCR*:.*:4.2:* | MPRAS*:.*:4.2:*)
OS_REL=':3'
test -r /etc/.relid
&& OS_REL=`sed -n 's/\[^ \]* \[^ \]* \([0-9]\[0-9]\).*/\1/p' < /etc/.relid`
/bin/uname -p 2>/dev/null | grep 86 >/dev/null
&& { echo i486-ncr-sysv4.3$[OS_REL]; exit; } ;
/bin/uname -p 2>/dev/null | /bin/grep entium >/dev/null
&& { echo i586-ncr-sysv4.3$[OS_REL]; exit; } ;;
m68*:.*:2.* | m68*:.*:3.* | m68*:.*:4.*
echo m68k-unknown-lynxos$[UNAME_RELEASE]
exit ::
mc68030:UNIX_System_V:*:*)
echo m68k-atari-sysv4
exit ::
TSUNAMI:LynxOS:*:*)
echo sparc-unknown-lynxos$[UNAME_RELEASE]
exit ::
rs6000:LynxOS:*:*)
echo rs6000-unknown-lynxos$[UNAME_RELEASE]
exit ::
PowerPC:LynxOS:*:*) | PowerPC:LynxOS:3.*:*) | PowerPC:LynxOS:4.*:*)
echo powerpc-unknown-lynxos$[UNAME_RELEASE]
exit ::
SM[BE]:UNIX_SV:*:*)
echo mips-dde-sysv$[UNAMERELEASE]
exit ::
RM*:ReliantUNIX:*:*)
echo mips-sni-sysv4
exit ::
RM*:SINIX:*:*)
echo mips-sni-sysv4
exit ::
if uname -p 2>/dev/null >/dev/null ; then
UNAME_MACHINE=\"(uname -p) 2>/dev/null\"
echo \$\{UNAME_MACHINE\}-sni-sysv4
else
echo ns32k-sni-sysv
fi

exit ::
PENTIUM:*:4.0:*:*)	# Unisys `ClearPath HMP IX 4000' SVR4/MP effort
# says <Richard.M.Bartel@ccMail.Census.GOV>
echo i586-unisys-sysv4
exit ::
*:UNIX_System_V:4*:FTX*)
# From Gerald Hewes <hewes@openmarket.com>.
# How about differentiating between stratus architectures? -djm
echo hppa1.1-stratus-sysv4
exit ::
*:*:*:*:FTX*)
# From seanf@swdc.stratus.com.
echo i860-stratus-sysv4
exit ::
i*86:VOS:*:*)
# From Paul.Green@stratus.com.
echo $\{UNAME_MACHINE\}-stratus-vos
exit ::
*:VOS:*:*)
# From Paul.Green@stratus.com.
echo hppa1.1-stratus-vos
exit ::
mc68*:A/UX:*:*)
echo m68k-apple-aux$\{UNAME_RELEASE\}
exit ::
news*:NEWS-OS:6:*:*)
echo mips-sony-newsos6
exit ::
R*[34]000:*System_V:*,* | R4000:UNIX_SYSV:*,* | R*[000]:UNIX_SV:*,*)
if [-d /usr/nec ]; then
echo mips-nec-sysv$\{UNAME_RELEASE\}
else
echo mips-unknown-sysv$\{UNAME_RELEASE\}
fi
exit ::
BeBox:BeOS:*:*)	# BeOS running on hardware made by Be, PPC only.
echo powerpc-be-beos
exit ::
BeMac:BeOS:*:*)	# BeOS running on Mac or Mac clone, PPC only.
echo powerpc-apple-beos
exit ::
BePC:BeOS::*:* # BeOS running on Intel PC compatible.
    echo i586-pc-beos
    exit ;;
BePC:Haiku::*:* # Haiku running on Intel PC compatible.
    echo i586-pc-haiku
    exit ;;
    x86_64-Haiku::*:*)
    echo x86_64-unknown-haiku
    exit ;;
    SX-4:SUPER-UX::*:*)
    echo sx4-nec-superux${UNAME_RELEASE}
    exit ;;
    SX-5:SUPER-UX::*:*)
    echo sx5-nec-superux${UNAME_RELEASE}
    exit ;;
    SX-6:SUPER-UX::*:*)
    echo sx6-nec-superux${UNAME_RELEASE}
    exit ;;
    SX-7:SUPER-UX::*:*)
    echo sx7-nec-superux${UNAME_RELEASE}
    exit ;;
    SX-8:SUPER-UX::*:*)
    echo sx8-nec-superux${UNAME_RELEASE}
    exit ;;
    SX-8R:SUPER-UX::*:*)
    echo sx8r-nec-superux${UNAME_RELEASE}
    exit ;;
    SX-ACE:SUPER-UX::*:*)
    echo sxace-nec-superux${UNAME_RELEASE}
    exit ;;
    Power*:Rhapsody::*:*)
    echo powerpc-apple-rhapsody${UNAME_RELEASE}
    exit ;;
    *:Rhapsody::*:*)
    echo ${UNAME_MACHINE}-apple-rhapsody${UNAME_RELEASE}
    exit ;;
    *:Darwin::*:*)
    UNAME_PROCESSOR=`uname -p` || UNAME_PROCESSOR=unknown
    eval $set_cc_for_build
    if test "${UNAME_PROCESSOR}" = unknown ; then
        UNAME_PROCESSOR=powerpc
    fi
    if test `echo "${UNAME_RELEASE}" | sed -e 's/\../*// -le 10 ; then
        if [ "${CC_FOR_BUILD}" != no_compiler_found ]; then
        if (echo #ifdef __LP64__; echo IS_64BIT_ARCH; echo '#endif') \ 
            (CCOPTS="" SCC_FOR_BUILD -E - 2>/dev/null) | \ 
            grep IS_64BIT_ARCH >/dev/null
        then
        then

case $UNAME_PROCESSOR in
  i386) UNAME_PROCESSOR=x86_64 ;;
  powerpc) UNAME_PROCESSOR=powerpc64 ;;
  esac
fi

elif test "$UNAME_PROCESSOR" = i386 ; then
  # Avoid executing cc on OS X 10.9, as it ships with a stub
  # that puts up a graphical alert prompting to install
  # developer tools. Any system running Mac OS X 10.7 or
  # later (Darwin 11 and later) is required to have a 64-bit
  # processor. This is not true of the ARM version of Darwin
  # that Apple uses in portable devices.
  UNAME_PROCESSOR=x86_64
fi

echo ${UNAME_PROCESSOR}-apple-darwin${UNAME_RELEASE}
exit ;;
*:procnto*:*:* | *:QNX:*0123456789)*:*)
UNAME_PROCESSOR=`uname -p`
if test "$UNAME_PROCESSOR" = x86; then
  UNAME_PROCESSOR=i386
  UNAME_MACHINE=pc
fi

echo ${UNAME_PROCESSOR}-${UNAME_MACHINE}-nto-qnx${UNAME_RELEASE}
exit ;;
*:QNX:*4*)
echo i386-pc-qnx
exit ;;
NEO-?:NONSTOP_KERNEL:*:*)
echo neo-tandem-nsk${UNAME_RELEASE}
exit ;;
NSE-?:NONSTOP_KERNEL:*:*)
echo nse-tandem-nsk${UNAME_RELEASE}
exit ;;
NSR-?:NONSTOP_KERNEL:*:*)
echo nsr-tandem-nsk${UNAME_RELEASE}
exit ;;
*:NonStop-UX:*:*)
echo mips-compaq-nonstopux
exit ;;
BS2000:POSIX*:*:*)
echo bs2000-siemens-sysv
exit ;;
DS/*:UNIX_System_V:*:*)
echo $[UNAME_MACHINE]-$[UNAME_SYSTEM]-$[UNAME_RELEASE]
exit ;;
*:Plan9:*:*)
# "uname -m" is not consistent, so use $cputype instead. 386
# is converted to i386 for consistency with other x86
# operating systems.
if test "$cputype" = 386; then
    UNAME_MACHINE=i386
else
    UNAME_MACHINE="$cputype"
fi
echo ${UNAME_MACHINE}-unknown-plan9
exit ::
*:TOPS-10:*:*
echo pdp10-unknown-tops10
exit ::
*:TENEX:*:*
echo pdp10-unknown-tenex
exit ::
  KS10:TOPS-20::* | KL10:TOPS-20::* | TYPE4:TOPS-20::*
echo pdp10-dec-tops20
exit ::
  XKL-1:TOPS-20::* | TYPE5:TOPS-20::*
echo pdp10-xkl-tops20
exit ::
*:TOPS-20::*
echo pdp10-unknown-tops20
exit ::
*:ITS::*
echo pdp10-unknown-its
exit ::
  SEI::*:SEIUX)
echo mips-sei-seiux${UNAME_RELEASE}
exit ::
*:DragonFly:*
echo ${UNAME_MACHINE}-unknown-dragonfly`echo ${UNAME_RELEASE}|sed -e 's/[\[-\[].*\]//'
exit ::
*:VMS::*
UNAME_MACHINE=`(uname -p) 2>/dev/null`
case "$UNAME_MACHINE" in
  A*) echo alpha-dec-vms ; exit ::
  I*) echo ia64-dec-vms ; exit ::
  V*) echo vax-dec-vms ; exit ::
esac ::
*:XENIX:*:SysV)
echo i386-pc-xenix
exit ::
i86:skynos::*
echo ${UNAME_MACHINE}-pc-skynos`echo ${UNAME_RELEASE} | sed -e 's/ \[.*$/'
exit ::
i86:rdos::*
echo ${UNAME_MACHINE}-pc-rdos
exit ;;
i*86:AROS:*:*)
    echo ${UNAME_MACHINE}-pc-aros
exit ;;
x86_64:VMkernel:*:*)
    echo ${UNAME_MACHINE}-unknown-esx
exit ;;
amd64:Isilon\ OneFS:*:*)
    echo x86_64-unknown-onefs
exit ;;
esac

cat >&2 <<EOF
$0: unable to guess system type

This script (version $timestamp), has failed to recognize the
operating system you are using. If your script is old, overwrite
config.guess and config.sub with the latest versions from:

http://git.savannah.gnu.org/gitweb/?p=config.git;a=blob_plain;f=config.guess
and
http://git.savannah.gnu.org/gitweb/?p=config.git;a=blob_plain;f=config.sub

If $0 has already been updated, send the following data and any
information you think might be pertinent to config-patches@gnu.org to
provide the necessary information to handle your system.

config.guess timestamp = $timestamp

uname -m = `$(uname -m) 2>/dev/null || echo unknown`
uname -r = `$(uname -r) 2>/dev/null || echo unknown`
uname -s = `$(uname -s) 2>/dev/null || echo unknown`
uname -v = `$(uname -v) 2>/dev/null || echo unknown`

/usr/bin/uname -p = `$(/usr/bin/uname -p) 2>/dev/null`
/bin/uname -X = `$(/bin/uname -X) 2>/dev/null`

hostinfo = `$(hostinfo) 2>/dev/null`
/bin/universe = `$(/bin/universe) 2>/dev/null`
/usr/bin/arch -k = `$(/usr/bin/arch -k) 2>/dev/null`
/bin/arch = `$(/bin/arch) 2>/dev/null`
/usr/bin/oslevel = `$(/usr/bin/oslevel) 2>/dev/null`
/usr/convex/getsysinfo = `$(/usr/convex/getsysinfo) 2>/dev/null`

UNAME_MACHINE = ${UNAME_MACHINE}
UNAME_RELEASE = ${UNAME_RELEASE}
UNAME_SYSTEM = ${UNAME_SYSTEM}
UNAME_VERSION = ${UNAME_VERSION}
/*
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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;
  shortrevents;
} pollfd_t;

EOF
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 POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

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

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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 *
*/
#ifndef _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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Version 3, 29 June 2007

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- web-app_3_0.xsd
- web-common_3_0.xsd
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David Megginson, david@megginson.com
2000-05-05
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   analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
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The KStem stemmer in
   analysis/common/src/org/apache/lucene/analysis/en
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   analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

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   analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
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### Jdom-contrib version 1.1.3

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

* Frodo Looijaard
  Original author of libsensors, sensors-detect, sensors and isadump.
* Merlin Hughes
  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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That's all there is to it!

1.119 diffutils 3.3 5.el7
1.119.1 Available under license :

From RPM File Metadata:GPLv3+
/* diff - compare files line by line


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along with this program. If not, see <http://www.gnu.org/licenses/>. */

#define GDIFF_MAIN
#include "diff.h"
#include <assert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
#include <getopt.h>
#include <hard-locale.h>
#include <prepargs.h>
#include <progsame.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>

/* The official name of this program (e.g., no 'g' prefix). */
#define PROGRAM_NAME "diff"

#define AUTHORS
   proper_name ("Paul Eggert"),
   proper_name ("Mike Haertel"),
   proper_name ("David Hayes"),
   proper_name ("Richard Stallman"),
   proper_name ("Len Tower")

#ifndef GUTTER_WIDTH_MINIMUM
# define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
    char *regexps;/* chars representing disjunction of the regexps */
    size_t len;/* chars used in 'regexps' */
    size_t size;/* size malloc'ed for 'regexps'; 0 if not malloc'ed */
    bool multiple_regexps;/* Does 'regexps' represent a disjunction? */
    struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories recursively. */
static bool recursive;

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary). On POSIX hosts, this has no effect. */
static bool binary;
#else
enum { binary = true };
#endif

/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s). Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =
  "0123456789abcdef:ed:ef:hi:il:nnpqrssttuvwx:yz";

/* Values for long options that do not have single-letter equivalents. */
enum {
  BINARY_OPTION = CHAR_MAX + 1,
  FROM_FILE_OPTION,
  HELP_OPTION,
  HORIZON_LINES_OPTION,
  IGNORE_FILE_NAME_CASE_OPTION,
  INHIBIT_HUNK_MERGE_OPTION,
  LEFT_COLUMN_OPTION,
  LINE_FORMAT_OPTION,
  NO_DEREFERENCE_OPTION,
  NO_IGNORE_FILE_NAME_CASE_OPTION,
  NORMAL_OPTION,
static char const group_format_option[](sizeof "--unchanged-group-format") =
{
    "--unchanged-group-format",
    "--old-group-format",
    "--new-group-format",
    "--changed-group-format"
};

static char const line_format_option[](sizeof "--unchanged-line-format") =
{
    "--unchanged-line-format",
    "--old-line-format",
    "--new-line-format"
};

static struct option const longopts[] =
{
    {"binary", 0, 0, BINARY_OPTION},
    {"brief", 0, 0, 'q'},
    {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
    {"context", 2, 0, 'C'},
    {"ed", 0, 0, 'e'},
    {"exclude", 1, 0, 'x'},
    {"exclude-from", 1, 0, 'X'},
    {"expand-tabs", 0, 0, 't'},
    {"forward-ed", 0, 0, 'f'},
    {"from-file", 1, 0, FROM_FILE_OPTION},
    {"help", 0, 0, HELP_OPTION},
    {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
    {"binary", 0, 0, BINARY_OPTION},
    {"brief", 0, 0, 'q'},
    {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
    {"context", 2, 0, 'C'},
    {"ed", 0, 0, 'e'},
    {"exclude", 1, 0, 'x'},
    {"exclude-from", 1, 0, 'X'},
    {"expand-tabs", 0, 0, 't'},
    {"forward-ed", 0, 0, 'f'},
    {"from-file", 1, 0, FROM_FILE_OPTION},
    {"help", 0, 0, HELP_OPTION},
    {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
};
{"ifdef", 1, 0, 'D'},
{"ignore-all-space", 0, 0, 'w'},
{"ignore-blank-lines", 0, 0, 'B'},
{"ignore-case", 0, 0, 'i'},
{"ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION},
{"ignore-matching-lines", 1, 0, 'I'},
{"ignore-space-change", 0, 0, 'b'},
{"ignore-tab-expansion", 0, 0, 'E'},
{"ignore-trailing-space", 0, 0, 'Z'},
{"inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION},
{"initial-tab", 0, 0, 'T'},
{"label", 1, 0, 'L'},
{"left-column", 0, 0, LEFT_COLUMN_OPTION},
{"line-format", 1, 0, LINE_FORMAT_OPTION},
{"minimal", 0, 0, 'd'},
{"new-file", 0, 0, 'N'},
{"new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION},
{"new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION},
{"no-dereference", 0, 0, NO_DEREFERENCE_OPTION},
{"no-ignore-file-name-case", 0, 0, NO_IGNORE_FILE_NAME_CASE_OPTION},
{"normal", 0, 0, NORMAL_OPTION},
{"old-group-format", 1, 0, OLD_GROUP_FORMAT_OPTION},
{"old-line-format", 1, 0, OLD_LINE_FORMAT_OPTION},
{"paginate", 0, 0, 'l'},
{"rcs", 0, 0, 'n'},
{"recursive", 0, 0, 'r'},
{"report-identical-files", 0, 0, 's'},
{"sdiff-merge-assist", 0, 0, SDIFF_MERGE_ASSIST_OPTION},
{"show-c-function", 0, 0, 'p'},
{"show-function-line", 1, 0, 'F'},
{"side-by-side", 0, 0, 'y'},
{"speed-large-files", 0, 0, 'H'},
{"starting-file", 1, 0, 'S'},
{"strip-trailing-cr", 0, 0, STRIP_TRAILING_CR_OPTION},
{"suppress-blank-empty", 0, 0, SUPPRESS_BLANK_EMPTY_OPTION},
{"suppress-common-lines", 0, 0, SUPPRESS_COMMON_LINES_OPTION},
{"tabsize", 1, 0, TABSIZE_OPTION},
{"text", 0, 0, 'a'},
{"to-file", 1, 0, TO_FILE_OPTION},
{"unchanged-group-format", 1, 0, UNCHANGED_GROUP_FORMAT_OPTION},
{"unchanged-line-format", 1, 0, UNCHANGED_LINE_FORMAT_OPTION},
{"unidirectional-new-file", 0, 0, 'P'},
{"version", 2, 0, 'U'},
{"width", 1, 0, 'W'},
[0, 0, 0, 0]
/* Return a string containing the command options with which diff was invoked.
   Spaces appear between what were separate ARGV-elements.
   There is a space at the beginning but none at the end.
   If there were no options, the result is an empty string.

   Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT,
   the length of that vector.  */

static char *
option_list (char **optionvec, int count)
{
  int i;
  size_t size = 1;
  char *result;
  char *p;

  for (i = 0; i < count; i++)
    size += 1 + shell_quote_length (optionvec[i]);

  p = result = xmalloc (size);

  for (i = 0; i < count; i++)
    {
    *p++ = ' ';  
    p = shell_quote_copy (p, optionvec[i]);
    }

  *p = '\0';
  return result;
}

/* Return an option value suitable for add_exclude.  */

static int
exclude_options (void)
{
  return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int
main (int argc, char **argv)
{
  int exit_status = EXIT_SUCCESS;
  int c;
  int i;
  int prev = -1;
  lin ocontext = -1;
bool explicit_context = false;
size_t width = 0;
bool show_c_function = false;
char const *from_file = NULL;
char const *to_file = NULL;
uintmax_t numval;
char *numend;

/* Do our initializations. */
exit_failure = EXIT_TROUBLE;
initialize_main (&argc, &argv);
set_program_name (argv[0]);
setlocale (LC_ALL, "");
bindtextdomain (PACKAGE, LOCALEDIR);
textdomain (PACKAGE);
c_stack_action (0);
function_regexp_list.buf = &function_regexp;
ignore_regexp_list.buf = &ignore_regexp;
re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
excluded = new_exclude () ;

/* Decode the options. */
while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
{
    switch (c)
    {
    case 0:
        break;
    
    case '0':
    case '1':
    case '2':
    case '3':
    case '4':
    case '5':
    case '6':
    case '7':
    case '8':
    case '9':
        if (! ISDIGIT (prev))
            ocontext = c - '0';
        else if (LIN_MAX / 10 < ocontext
            || (ocontext = 10 * ocontext + c - '0') < 0))
            ocontext = LIN_MAX;
        break;
    
    case 'a':
text = true;
break;

case 'b':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space = IGNORE_SPACE_CHANGE;
    break;

case 'Z':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TRAILING_SPACE;
    break;

case 'B':
    ignore_blank_lines = true;
    break;

case 'C':
case 'U':
    {
        if (optarg)
        {
            numval = strtoumax (optarg, &numend, 10);
            if (*numend)
                try_help ("invalid context length '%s'", optarg);
            if (LIN_MAX < numval)
                numval = LIN_MAX;
        }
        else
            numval = 3;
    }
    specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
    if (context < numval)
        context = numval;
    explicit_context = true;
    break;

case 'c':
    specify_style (OUTPUT_CONTEXT);
    if (context < 3)
        context = 3;
    break;

case 'd':
    minimal = true;
    break;
case 'D':
specify_style (OUTPUT_IFDEF);
{
    static char const C_ifdef_group_formats[] =
        "%%=%c#ifndef %s
%%<#endif /* ! %s */
%c#ifdef %s
%%>#endif /* %s */
%c#ifndef %s
%%<#else /* %s */
%%>#endif /* %s */
";
    char *b = xmalloc (sizeof C_ifdef_group_formats
        + 7 * strlen (optarg) - 14 /* 7*"%s" */
        - 8 /* 5*"%c" + 3*"%%" */);
    sprintf (b, C_ifdef_group_formats,
        optarg, optarg,
        optarg, optarg,
        optarg, optarg);
    for (i = 0; i < sizeof group_format / sizeof group_format[0]; i++)
        specify_value (&group_format[i], b, "-D");
    b += strlen (b) + 1;
}
}
break;

case 'e':
specify_style (OUTPUT_ED);
break;

case 'E':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TAB_EXPANSION;
    break;

case 'f':
specify_style (OUTPUT_FORWARD_ED);
break;

case 'F':
    add_regexp (&function_regexp_list, optarg);
    break;

case 'h':
    /* Split the files into chunks for faster processing.
       Usually does not change the result.

       This currently has no effect. */
    break;

case 'H':
speed_large_files = true;
break;

case 'i':
    ignore_case = true;
    break;

case 'I':
    add_regexp (&ignore_regexp_list, optarg);
    break;

case 'l':
    if (!pr_program[0])
        try_help("pagination not supported on this host", NULL);
    paginate = true;
#ifdef SIGCHLD
    /* Pagination requires forking and waiting, and
     * System V fork+wait does not work if SIGCHLD is ignored. */
    signal (SIGCHLD, SIG_DFL);
#endif
    break;

case 'L':
    if (!file_label[0])
        file_label[0] = optarg;
    else if (!file_label[1])
        file_label[1] = optarg;
    else
        fatal("too many file label options");
    break;

case 'n':
    specify_style (OUTPUT_RCS);
    break;

case 'N':
    new_file = true;
    break;

case 'p':
    show_c_function = true;
    add_regexp (&function_regexp_list, "^[:alpha:]$\_\$]");
    break;

case 'P':
    unidirectional_new_file = true;
    break;

case 'q':
brief = true;
break;

case 'r':
    recursive = true;
    break;

case 's':
    report_identical_files = true;
    break;

case 'S':
    specify_value (&starting_file, optarg, "-S");
    break;

case 't':
    expand_tabs = true;
    break;

case 'T':
    initial_tab = true;
    break;

case 'u':
    specify_style (OUTPUT_UNIFIED);
    if (context < 3)
        context = 3;
    break;

case 'v':
    version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
        AUTHORS, (char *) NULL);
    check_stdout ();
    return EXIT_SUCCESS;

case 'w':
    ignore_white_space = IGNORE_ALL_SPACE;
    break;

case 'x':
    add_exclude (excluded, optarg, exclude_options ());
    break;

case 'X':
    if (add_exclude_file (add_exclude, excluded, optarg,
        exclude_options (), 'n'))
        pfatal_with_name (optarg);
    break;
case 'y':
    specify_style (OUTPUT_SDIFF);
    break;

case 'W':
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid width "'\%s'", optarg);
    if (width != numval)
        {
            if (width)
                fatal ("conflicting width options");
            width = numval;
        }
    break;

case BINARY_OPTION:
    #if O_BINARY
        binary = true;
        if (! isatty (STDOUT_FILENO))
            set_binary_mode (STDOUT_FILENO, O_BINARY);
    #endif
    break;

case FROM_FILE_OPTION:
    specify_value (&from_file, optarg, "--from-file");
    break;

case HELP_OPTION:
    usage ()
    check_stdout ();
    return EXIT_SUCCESS;

case HORIZON_LINES_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (*numend)
        try_help ("invalid horizon length "'\%s'", optarg);
    horizon_lines = MAX (horizon_lines, MIN (numval, LIN_MAX));
    break;

case IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = true;
    break;

case INHIBIT_HUNK_MERGE_OPTION:
    /* This option is obsolete, but accept it for backward compatibility. */
break;

case LEFT_COLUMN_OPTION:
    left_column = true;
    break;

case LINE_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
        specify_value (&line_format[i], optarg, "--line-format");
    break;

case NO_DEREFERENCE_OPTION:
    no_dereference_symlinks = true;
    break;

case NO_IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = false;
    break;

case NORMAL_OPTION:
    specify_style (OUTPUT_NORMAL);
    break;

case SDIFF_MERGE_ASSIST_OPTION:
    specify_style (OUTPUT_SDIFF);
    sdiff_merge_assist = true;
    break;

case STRIP_TRAILING_CR_OPTION:
    strip_trailing_cr = true;
    break;

case SUPPRESS_BLANK_EMPTY_OPTION:
    suppress_blank_empty = true;
    break;

case SUPPRESS_COMMON_LINES_OPTION:
    suppress_common_lines = true;
    break;

case TABSIZE_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid tabsize ".optarg);
    if (tabsize != numval)
    {
        if (tabsize)
fatal ("conflicting tabsize options");
    tabsize = numval;
}
break;

case TO_FILE_OPTION:
    specify_value (&to_file, optarg, "--to-file");
    break;

case UNCHANGED_LINE_FORMAT_OPTION:
case OLD_LINE_FORMAT_OPTION:
case NEW_LINE_FORMAT_OPTION:
    specify_style (OUTPUTIFDEF);
    c -= UNCHANGED_LINE_FORMAT_OPTION;
    specify_value (&line_format[c], optarg, line_format_option[c]);
    break;

case UNCHANGED_GROUP_FORMAT_OPTION:
case OLD_GROUP_FORMAT_OPTION:
case NEW_GROUP_FORMAT_OPTION:
case CHANGED_GROUP_FORMAT_OPTION:
    specify_style (OUTPUTIFDEF);
    c -= UNCHANGED_GROUP_FORMAT_OPTION;
    specify_value (&group_format[c], optarg, group_format_option[c]);
    break;

default:
    try_help (NULL, NULL);
}
    prev = c;
}

if (output_style == OUTPUT_UNSPECIFIED)
{
    if (show_c_function)
    {
        specify_style (OUTPUT_CONTEXT);
        if (ocontext < 0)
            context = 3;
    }
    else
        specify_style (OUTPUT_NORMAL);
}

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
{
#if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \
    || defined HAVE_STRUCT_STAT_ST_SPARE1)
time_format = "%Y-%m-%d %H:%M:%S.%N %z";
#else
  time_format = "%Y-%m-%d %H:%M:%S %z";
#endif
else
{
  /* See POSIX 1003.1-2001 for this format. */
  time_format = "%a %b %e %T %Y";
}

if (0 <= ocontext
    && (output_style == OUTPUT_CONTEXT
        || output_style == OUTPUT_UNIFIED)
    && (context < ocontext
        || (ocontext < context && ! explicit_context))
    context = ocontext;

if (! tabsize)
    tabsize = 8;
if (! width)
    width = 130;
{
    /* Maximize first the half line width, and then the gutter width,
    according to the following constraints:

    1. Two half lines plus a gutter must fit in a line.
    2. If the half line width is nonzero:
        a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
        b. If tabs are not expanded to spaces,
            a half line plus a gutter is an integral number of tabs,
            so that tabs in the right column line up. */

    intmax_t t = expand_tabs ? 1 : tabsize;
    intmax_t w = width;
    intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
    sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
    sdiff_column2_offset = sdiff_half_width ? off : w;
}

/* Make the horizon at least as large as the context, so that
   shift_boundaries has more freedom to shift the first and last hunks. */
if (horizon_lines < context)
    horizon_lines = context;

summarize_regexp_list (&function_regexp_list);
summarize_regexp_list (&ignore_regexp_list);
if (output_style == OUTPUT_IFDEF) {
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
        if (!line_format[i])
            line_format[i] = "\n";
    if (!group_format[OLD])
        group_format[OLD] = group_format[CHANGED] ? group_format[CHANGED] : "%<";
    if (!group_format[NEW])
        group_format[NEW] = group_format[CHANGED] ? group_format[CHANGED] : "%>";
    if (!group_format[UNCHANGED])
        group_format[UNCHANGED] = "=";
    if (!group_format[CHANGED])
        group_format[CHANGED] = concat (group_format[OLD], group_format[NEW], "") ;
}

no_diff_means_no_output =
    (output_style == OUTPUT_IFDEF ?
        (!*group_format[UNCHANGED] || (STREQ (group_format[UNCHANGED], "%=") && !*line_format[UNCHANGED])
        : (output_style != OUTPUT_SDIFF) | suppress_common_lines);

files_can_be_treated_as_binary =
    (brief & binary
     & ~ (ignore_blank_lines | ignore_case | strip_trailing_cr
          | (ignore_regexp_list.regexps || ignore_white_space));

switch_string = option_list (argv + 1, optind - 1);
for (optind < argc; optind++)
{
    int status = compare_files (NULL, argv[optind], to_file);
    if (exit_status < status)
        exit_status = status;
}
else
{
    if (argc - optind != 2)
    {
        if (argc - optind < 2)
            try_help ("missing operand after "%s", argv[argc - 1]);
        else
            try_help ("extra operand "%s", argv[optind + 2]);
    }
    exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
}
/* Print any messages that were saved up for last. */
print_message_queue ();

check_stdout ();
exit (exit_status);
return exit_status;

/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
    size_t patlen = strlen (pattern);
    char const *m = re_compile_pattern (pattern, patlen, reglist->buf);
    if (m != 0)
        error (0, 0, "%s: %s", pattern, m);
    else
    {
        char *regexps = reglist->regexps;
        size_t len = reglist->len;
        bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
        size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
        size_t size = reglist->size;

        if (size <= newlen)
        {

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if (!size)
    size = 1;

do size *= 2;
while (size <= newlen);

reglist->size = size;
reglist->regexps = regexps = xrealloc (regexps, size);
}
    if (multiple_regexps)
    {
        regexps[len++] = '\';
        regexps[len++] = '|';
    }
    memcpy (regexps + len, pattern, patlen + 1);
}
}

/* Ensure that REGLIST represents the disjunction of its regexps.
   This is done here, rather than earlier, to avoid O(N^2) behavior. */

static void
summarize_regexp_list (struct regexp_list *reglist)
{
    if (reglist->regexps)
    {
        /* At least one regexp was specified. Allocate a fastmap for it. */
        reglist->buf->fastmap = xmalloc (1 << CHAR_BIT);
        if (reglist->multiple_regexps)
        {
            /* Compile the disjunction of the regexps.
               (If just one regexp was specified, it is already compiled.) */
            char const *m = re_compile_pattern (reglist->regexps, reglist->len,
                reglist->buf);
            if (m)
                error (EXIT_TROUBLE, 0, "%s: %s", reglist->regexps, m);
        }

        static void
try_help (char const *reason_msgid, char const *operand)
{
    if (reason_msgid)
        error (0, 0, _(reason_msgid), operand);
    error (EXIT_TROUBLE, 0, "Try '%s --help' for more information.",
        program_name);
    abort ();
}
static void
check_stdout (void)
{
  if (ferror (stdout))
    fatal ("write failed");
  else if (fclose (stdout) != 0)
    pfatal_with_name (_("standard output"));
}

static char const * const option_help_msgid[] = {
  N_("  --normal          output a normal diff (the default)")
  N_("  -q, --brief       report only when files differ")
  N_("  --report-identical-files report when two files are the same")
  N_("  -c, -C NUM, --context[=NUM] output NUM (default 3) lines of copied context")
  N_("  -u, -U NUM, --unified[=NUM] output NUM (default 3) lines of unified context")
  N_("  -e, --ed          output an ed script")
  N_("  -n, --rcs         output an RCS format diff")
  N_("  -y, --side-by-side output in two columns")
  N_("  -W, --width=NUM   output at most NUM (default 130) print columns")
  N_("  --left-column     output only the left column of common lines")
  N_("  --suppress-common-lines do not output common lines")
  
  N_("  -p, --show-c-function show which C function each change is in")
  N_("  -F, --show-function-line=RE show the most recent line matching RE")
  N_("  --label LABEL     use LABEL instead of file name
    (can be repeated")
  
  N_("  -t, --expand-tabs expand tabs to spaces in output")
  N_("  --initial-tab    make tabs line up by prepending a tab")
  N_("  --tabsize=NUM    tab stops every NUM (default 8) print columns")
  N_("  --suppress-blank-empty suppress space or tab before empty output lines")
  N_("  -l, --paginate   pass output through 'pr' to paginate it")
  
  N_("  -r, --recursive  recursively compare any subdirectories found")
  N_("  --no-dereference don't follow symbolic links")
  N_("  -N, --new-file   treat absent files as empty")
  N_("  --unidirectional-new-file treat absent first files as empty")
  N_("  --ignore-file-name-case ignore case when comparing file names")
  N_("  --no-ignore-file-name-case consider case when comparing file names")
  N_("  --x, --exclude=PAT exclude files that match PAT")
  N_("  --exclude-from=FILE exclude files that match any pattern in FILE")
  N_("  --S, --starting-file=FILE start with FILE when comparing directories")
  N_("  --from-file=FILE1 compare FILE1 to all operands
    " FILE1 can be a directory")
  N_("  --to-file=FILE2 compare all operands to FILE2
    " FILE2 can be a directory")
}
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```
N_("-i, --ignore-case               ignore case differences in file contents"),
N_("-E, --ignore-tab-expansion      ignore changes due to tab expansion"),
N_("-Z, --ignore-trailing-space     ignore white space at line end"),
N_("-b, --ignore-space-change       ignore changes in the amount of white space"),
N_("-w, --ignore-all-space          ignore all white space"),
N_("-B, --ignore-blank-lines        ignore changes where lines are all blank"),
N_("-I, --ignore-matching-lines=RE  ignore changes where all lines match RE"),
N_("-a, --text                      treat all files as text"),
N_("    --strip-trailing-cr         strip trailing carriage return on input"),
#if O_BINARY
N_("    --binary                    read and write data in binary mode"),
#endif
N_("    --GTYPE-group-format=GFMT   format GTYPE input groups with GFMT"),
N_("    --line-format=LFMT          format all input lines with LFMT"),
N_("    --LTYPE-line-format=LFMT    format LTYPE input lines with LFMT"),
N_(" These format options provide fine-grained control over the output
  of diff, generalizing -D/--ifdef."),
N_("    --ifdef=NAME                output merged file with '#ifdef NAME' diffs"),
N_("    --GTYPE-group-format=GFMT   format GTYPE input groups with GFMT"),
N_("    --line-format=LFMT          format all input lines with LFMT"),
N_("    --LTYPE-line-format=LFMT    format LTYPE input lines with LFMT"),
N_("%F lines from FILE1
%L lines from FILE2
%E lines common to FILE1 and FILE2
%[-]WIDTH.[PREC][doxX]LETTER print-style spec for LETTER
LETTERs are as follows for new group, lower case for old group:
  F  first line number
  L  last line number
  N  number of lines = L-F+1
  E  F-1
  M  L+1
%(A=B?T:E)  if A equals B then T else E"),
N_("    LFMT (only) may contain:
%< lines from FILE1
>% lines from FILE2
%== lines common to FILE1 and FILE2
%[-]WIDTH.[PREC][doxX]n  print-style spec for input line number"),
N_("    LFMT (only) may contain:
%L contents of line
%I contents of line, excluding any trailing newline
%[-]WIDTH.[PREC][doxX]n  print-style spec for input line number"),
N_("    Both GFMT and LFMT may contain:
%\%  \%
%c'C'  the single character C
%c\'OOO'  the character with octal code OOO
C  the character C (other characters represent themselves)"),
N_("-d, --minimal            try hard to find a smaller set of changes"),
N_("    --horizon-lines=NUM  keep NUM lines of the common prefix and suffix"),
N_("    --speed-large-files  assume large files and many scattered small changes"),
```
N_("--help  display this help and exit"),
N_("-v, --version  output version information and exit"),
"",
N_("FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR'."),
N_("If --from-file or --to-file is given, there are no restrictions on FILE(s)."),
N_("If a FILE is '-', read standard input."),
N_("Exit status is 0 if inputs are the same, 1 if different, 2 if trouble."),
0
};

static void
usage (void)
{
    char const * const *p;

    printf (_("Usage: %s [OPTION]... FILES\n"), program_name);
    printf (_("Compare FILES line by line.\n"));
    fputs (_("\nMandatory arguments to long options are mandatory for short options too.\n    \
"), stdout);

    for (p = option_help_msgid;  *p;  p++)
    {
        if (!**p)
            putchar ('\n');
        else
        {
            char const *msg = _(*p);
            char const *nl;
            while ((nl = strchr (msg, '\n')))
            {
                int msglen = nl + 1 - msg;
                printf (_(" .%s", msglen, msg);
                msg = nl + 1;
            }
            printf (_(" %s\n" + 2 * (*msg != ' ' && *msg != '-'), msg);
        }
    }
    emit_bug_reporting_address ();
}

/* Set VAR to VALUE, reporting an OPTION error if this is a
 conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
if (*var && !STREQ (*var, value))
{
    error (0, 0, _("conflicting %s option value \"%s\""), option, value);
    try_help (NULL, NULL);
}
*var = value;
}

/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
    if (output_style != style)
    {
        if (output_style != OUTPUT_UNSPECIFIED)
            try_help ("conflicting output style options", NULL);
        output_style = style;
    }
}

/* Set the last-modified time of *ST to be the current time. */
static void
set_mtime_to_now (struct stat *st)
{
    #ifdef STAT_TIMESPEC
    gettimeofday (&STAT_TIMESPEC (st, st_mtim));
    #else
    struct timespec t;
    gettimeofday (&t);
    st->st_mtime = t.tv_sec;
    # if defined STAT_TIMESPEC_NS
    STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
    # endif
    #elif defined HAVE_STRUCT_STAT_ST_SPARE1
    st->st_spare1 = t.tv_nsec / 1000;
    # endif
    #endif

    /* Compare two files (or dirs) with parent comparison PARENT
    and names NAME0 and NAME1.  (If PARENT is null, then the first
    name is just NAME0, etc.)
    This is self-contained; it opens the files and closes them.
    
    Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

    static int
compare_files (struct comparison const *parent,
    char const *name0,
    char const *name1)
{
    struct comparison cmp;
#define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
    register int f;
    int status = EXIT_SUCCESS;
    bool same_files;
    char *free0;
    char *free1;

    /* If this is directory comparison, perhaps we have a file
     that exists only in one of the directories.
     If so, just print a message to that effect. */

    if (! ((name0 && name1)
        || (unidirectional_new_file && name1)
        || new_file))
    {
        char const *name = name0 ? name0 : name1;
        char const *dir = parent->file[!name0].name;

        /* See POSIX 1003.1-2001 for this format. */
        message ("Only in %s: %s\n", dir, name);

        /* Return EXIT_FAILURE so that diff_dirs will return
        EXIT_FAILURE ("some files differ"). */
        return EXIT_FAILURE;
    }

    memset (cmp.file, 0, sizeof cmp.file);
    cmp.parent = parent;

    /* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */
#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

    cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
    cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

    /* Now record the full name of each file, including nonexistent ones. */

    if (!name0)
        name0 = name1;
if (!name1)
    name1 = name0;

if (!parent)
{
    free0 = NULL;
    free1 = NULL;
    cmp.file[0].name = name0;
    cmp.file[1].name = name1;
}
else
{
    cmp.file[0].name = free0 = file_name_concat (parent->file[0].name, name0, NULL);
    cmp.file[1].name = free1 = file_name_concat (parent->file[1].name, name1, NULL);
}

/* Stat the files. */

for (f = 0; f < 2; f++)
{
    if (cmp.file[f].desc != NONEXISTENT)
    {
        if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
        {
            cmp.file[f].desc = cmp.file[0].desc;
            cmp.file[f].stat = cmp.file[0].stat;
        }
        else if (STREQ (cmp.file[f].name, ":-"))
        {
            cmp.file[f].desc = STDIN_FILENO;
            if (binary && !isatty (STDIN_FILENO))
                set_binary_mode (STDIN_FILENO, O_BINARY);
            if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
                cmp.file[f].desc = ERRNO_ENCODE (errno);
            else
            {
                if (S_ISREG (cmp.file[f].stat.st_mode))
                {
                    off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
                    if (pos < 0)
                        cmp.file[f].desc = ERRNO_ENCODE (errno);
                    else
                        cmp.file[f].stat.st_size =
                        MAX (0, cmp.file[f].stat.st_size - pos);
                }
                else
                    cmp.file[f].stat.st_size =
                    MAX (0, cmp.file[f].stat.st_size - pos);
            }
        }
    }
/* POSIX 1003.1-2001 requires current time for stdin. */
set_mtime_to_now (&cmp.file[f].stat);

else if ((no_dereference_symlinks
    ? lstat (cmp.file[f].name, &cmp.file[f].stat)
    : stat (cmp.file[f].name, &cmp.file[f].stat))
!= 0)
    cmp.file[f].desc = ERRNO_ENCODE (errno);
}

/* Mark files as nonexistent as needed for -N and -P, if they are inaccessible empty regular files (the kind of files that 'patch' creates to indicate nonexistent backups), or if they are top-level files that do not exist but their counterparts do exist. */
for (f = 0; f < 2; f++)
    if (((new_file || (f == 0 && unidirectional_new_file))
    && (cmp.file[f].desc == UNOPENED
        ? (S_ISREG (cmp.file[f].stat.st_mode)
            && ! (cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
            && cmp.file[f].stat.st_size == 0)
        : ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
            || cmp.file[f].desc == ERRNO_ENCODE (EBADF))
            && ! parent
            && (cmp.file[1 - f].desc == UNOPENED
            || cmp.file[1 - f].desc == STDIN_FILENO))))
        cmp.file[f].desc = NONEXISTENT;

for (f = 0; f < 2; f++)
    if (cmp.file[f].desc == NONEXISTENT)
        {
            memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
            cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;
        }

for (f = 0; f < 2; f++)
    {
        int e = ERRNO_DECODE (cmp.file[f].desc);
        if (0 <= e)
            {
            errno = e;
            perror_with_name (cmp.file[f].name);
            status = EXIT_TROUBLE;
            }
        }


if (status == EXIT_SUCCESS && ! parent && ! DIR_P (0) && ! DIR_P (1))
{
/* If one is a directory, and it was specified in the command line,
use the file in that dir with the other file's basename. */

    int fnm_arg = DIR_P (0);
    int dir_arg = 1 - fnm_arg;
    char const *fnm = cmp.file[fnm_arg].name;
    char const *dir = cmp.file[dir_arg].name;
    char const *filename = cmp.file[dir_arg].name
    = find_dir_file_pathname (dir, last_component (fnm));

    if (STREQ (fnm, "-"))
        fatal ("cannot compare '-' to a directory");

    if (((no_dereference_symlinks
         ? lstat (filename, &cmp.file[dir_arg].stat)
         : stat (filename, &cmp.file[dir_arg].stat))
       != 0)
    {
        perror_with_name (filename);
        status = EXIT_TROUBLE;
    }
}

if (status != EXIT_SUCCESS)
{
/* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
         && cmp.file[1].desc == NONEXISTENT)
{
/* Neither file "exists", so there's nothing to compare. */
}
else if (((same_files
            = (cmp.file[0].desc != NONEXISTENT
                && cmp.file[1].desc != NONEXISTENT
                && 0 < same_file (&cmp.file[0].stat, &cmp.file[1].stat)
                && same_file_attributes (&cmp.file[0].stat,
                &cmp.file[1].stat)))
           && no_diff_means_no_output)
    {
/* The two named files are actually the same physical file.
We know they are identical without actually reading them. */
    }
else if (DIR_P (0) & DIR_P (1))
{

if (output_style == OUTPUTIFDEF)
fatal (-D option not supported with directories);

/* If both are directories, compare the files in them. */

if (parent && !recursive)
{
/* But don't compare dir contents one level down

   See POSIX 1003.1-2001 for this format. */
   message ("Common subdirectories: %s and %s\n",
            cmp.file[0].name, cmp.file[1].name);
}
else
    status = diff_dirs (&cmp, compare_files);
}
else if ((DIR_P (0) | DIR_P (1))
   && (!S_ISREG (cmp.file[0].stat.st_mode)
      && S_ISREG (cmp.file[1].stat.st_mode))
   & S_ISLNK (cmp.file[1].stat.st_mode)))
{
    if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
    {
        /* We have a subdirectory that exists only in one directory. */

        if ((DIR_P (0) | DIR_P (1))
            && recursive
            && (new_file
                && (unidirectional_new_file
                    && cmp.file[0].desc == NONEXISTENT)))
            status = diff_dirs (&cmp, compare_files);
        else
            { char const *dir;

                /* PARENT must be non-NULL here. */
                assert (parent);
                dir = parent->file[cmp.file[0].desc == NONEXISTENT].name;

                /* See POSIX 1003.1-2001 for this format. */
                message ("Only in %s: %s\n", dir, name0);

                status = EXIT_FAILURE;
            }
    }
else
/* We have two files that are not to be compared. */

/* See POSIX 1003.1-2001 for this format. */
message5 ("File %s is a %s while file %s is a %s
",
file_label[0] ? file_label[0] : cmp.file[0].name,
file_type (&cmp.file[0].stat),
file_type (&cmp.file[1].stat));

/* This is a difference. */
status = EXIT_FAILURE;
}
else if (S_ISLNK (cmp.file[0].stat.st_mode)
|| S_ISLNK (cmp.file[1].stat.st_mode))
{
    /* We get here only if we use lstat(), not stat(). */
    assert (no_dereference_symlinks);

    if (S_ISLNK (cmp.file[0].stat.st_mode)
    && S_ISLNK (cmp.file[1].stat.st_mode))
    {
        /* Compare the values of the symbolic links. */
        char *link_value[2] = { NULL, NULL };

        for (f = 0; f < 2; f++)
        {
            link_value[f] = xreadlink (cmp.file[f].name);
            if (link_value[f] == NULL)
            {
                perror_with_name (cmp.file[f].name);
                status = EXIT_TROUBLE;
                break;
            }
        }
        if (status == EXIT_SUCCESS)
        {
            if ( ! STREQ (link_value[0], link_value[1]))
            {
                message ("Symbolic links %s and %s differ\n",
                cmp.file[0].name, cmp.file[1].name);
                /* This is a difference. */
                status = EXIT_FAILURE;
            }
        }
    }
    for (f = 0; f < 2; f++)
    free (link_value[f]);
}  
else
{  
/* We have two files that are not to be compared, because 
one of them is a symbolic link and the other one is not. */

message5 ("File %s is a %s while file %s is a %s
",
file_label[0] ? file_label[0] : cmp.file[0].name,
file_type (&cmp.file[0].stat),
file_type (&cmp.file[1].stat));

/* This is a difference. */
status = EXIT_FAILURE;
}

else if (files_can_be_treated_as_binary
&& S_ISREG (cmp.file[0].stat.st_mode)
&& S_ISREG (cmp.file[1].stat.st_mode)
&& cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
{
  message ("Files %s and %s differ\n",  
file_label[0] ? file_label[0] : cmp.file[0].name,
  status = EXIT_FAILURE;
}
else
{
/* Both exist and neither is a directory. */

/* Open the files and record their descriptors. */

int oflags = O_RDONLY | (binary ? O_BINARY : 0);

if (cmp.file[0].desc == UNOPENED)
if ((cmp.file[0].desc = open (cmp.file[0].name, oflags, 0)) < 0)
{  
  perror_with_name (cmp.file[0].name);
  status = EXIT_TROUBLE;
}
if (cmp.file[1].desc == UNOPENED)
{
  if (same_files)
    cmp.file[1].desc = cmp.file[0].desc;
  else if ((cmp.file[1].desc = open (cmp.file[1].name, oflags, 0)) < 0)
  {  
    perror_with_name (cmp.file[1].name);
    status = EXIT_TROUBLE;
  }
}
if (status == EXIT_SUCCESS)
status = diff_2_files (&cmp);

/* Close the file descriptors. */
if ((0 <= cmp.file[0].desc && close (cmp.file[0].desc) != 0)
{
perror_with_name (cmp.file[0].name);
status = EXIT_TROUBLE;
}
if ((0 <= cmp.file[1].desc && cmp.file[0].desc != cmp.file[1].desc
&& close (cmp.file[1].desc) != 0)
{
perror_with_name (cmp.file[1].name);
status = EXIT_TROUBLE;
}

/* Now the comparison has been done, if no error prevented it,
and STATUS is the value this function will return. */
if (status == EXIT_SUCCESS)
{
    if (report_identical_files && !DIR_P (0))
message ("Files %s and %s are identical
", file_label[0] ? file_label[0] : cmp.file[0].name,
}
else
{
    /* Flush stdout so that the user sees differences immediately.
This can hurt performance, unfortunately. */
    if (fflush (stdout) != 0)
    pfatal_with_name (_("standard output"));
}
free (free0);
free (free1);
return status;

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<http://stuk.github.io/jszip-utils>
### 1.121 javapackages-tools 3.4.1 11.el7

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1.122 perl-parent 0.225-244.el7

1.123 perl-error 0.17020-2.el7

1.124 shadow-utils 4.6-1.el7.centos.atom
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1.125 dns 3.1.5

1.126 e2fsprogs 1.42.9 16.el7

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This is the Debian GNU/Linux prepackaged version of the ss
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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 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 Sat Mar 15 15:33:37 EST 2003

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

http://sourceforge.net/projects/e2fsprogs

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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
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Theodore Ts'o
23-June-2007

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

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

- trivial database library - private includes
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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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

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

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   If 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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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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a) Accompany the work with the complete corresponding
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
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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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interface-compatible with the version that the work was made with.

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1.134 bouncycastle-fips 1.58
1.135 which 2.20-7.el7

1.135.1 Available under license:

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

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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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programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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*/
package com.sun.jna;

/** Tagging interface to indicate the library or callback uses an alternate calling convention. */
@author twall
public interface AltCallingConvention {}
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routine to provide support.
# Contributions to the OpenBLAS project

## Creator & Maintainer

* Zhang Xianyi <traits.zhang@gmail.com>

## Active Developers

* Wang Qian <traz0824@gmail.com>
  * Optimize BLAS3 on ICT Loongson 3A.
  * Optimize BLAS3 on Intel Sandy Bridge.
* Werner Saar <wernsaar@googlemail.com>
  * [2013-03-04] Optimize AVX and FMA4 DGEMM on AMD Bulldozer
  * [2013-04-27] Optimize AVX and FMA4 TRSM on AMD Bulldozer
  * [2013-06-09] Optimize AVX and FMA4 SGEMM on AMD Bulldozer
  * [2013-06-11] Optimize AVX and FMA4 ZGEMM on AMD Bulldozer
  * [2013-06-12] Optimize AVX and FMA4 CGEMM on AMD Bulldozer
  * [2013-06-16] Optimize dgemv_n kernel on AMD Bulldozer
  * [2013-06-20] Optimize ddot, daxpy kernel on AMD Bulldozer
  * [2013-06-21] Optimize dcopy kernel on AMD Bulldozer
  * Porting and Optimization on ARM Cortex-A9
  * Optimization on AMD Piledriver
  * Optimization on Intel Haswell

## Previous Developers

* Zaheer Chothia <zaheer.chothia@gmail.com>
  * Improve the compatibility about complex number
  * Build LAPACKE: C interface to LAPACK
  * Improve the windows build.

* Chen Shaohu <huhumartinwar@gmail.com>
  * Optimize GEMV on the Loongson 3A processor.

* Luo Wen
  * Intern. Test Level-2 BLAS.

## Contributors

In chronological order:

* pipping <http://page.mi.fu-berlin.de/pipping>

* Stefan Karpinski <stefan@karpinski.org>
  * [2011-12-28] Fix a bug about SystemStubs on Mac OS X.

* Alexander Eberspcher <https://github.com/aeberspaecher>
  * [2012-05-02] Add note on patch for segfaults on Linux kernel 2.6.32.

* Mike Nolta <mike@nolta.net>
  * [2012-05-19] Fix building bug on FreeBSD and NetBSD.

* Sylvestre Ledru <https://github.com/sylvestre>
  * [2012-07-01] Improve the detection of sparc. Fix building bug under Hurd and kfreebsd.

* Jameson Nash <https://github.com/vtjnash>
  * [2012-08-20] Provide support for passing CFLAGS, FFLAGS, PFLAGS, FPFLAGS to
make on the command line.

* Alexander Nasonov <alnsn@yandex.ru>

* Sébastien Villemot <sebastien@debian.org>
  * [2012-11-14] Fix compilation with TARGET=GENERIC. Patch applied to Debian package.
  * [2013-08-28] Avoid failure on qemu guests declaring an Athlon CPU without 3dnow!

* Kang-Che Sung <Explorer09@gmail.com>

* Kenneth Hoste <kenneth.hoste@gmail.com>

* Lei WANG <https://github.com/wlbksy>
  * [2013-05-22] Fix a bug about wget.

* Dan Luu <http://www.linkedin.com/in/danluu>

* grisuthedragon <https://github.com/grisuthedragon>
  * [2013-07-11] create openblas_get_parallel to retrieve information which parallelization model is used by OpenBLAS.

* Elliot Saba <staticfloat@gmail.com>
  * [2013-07-22] Add in return value for `interface/trtri.c`

* Sébastien Fabbro <bicatali@gentoo.org>
  * [2013-07-24] Modify makefile to respect user's LDFLAGS
  * [2013-07-24] Add stack markings for GNU as arch-independent for assembler files

* Viral B. Shah <viral@mayin.org>
  * [2013-08-21] Patch LAPACK XLASD4.f as discussed in JuliaLang/julia#2340

* Lars Buitinck <https://github.com/larsmans>
  * [2013-08-28] get rid of the generated cblas_noconst.h file
  * [2013-08-28] Missing threshold in gemm.c
  * [2013-08-28] fix default prefix handling in makefiles

* yieldthought <https://github.com/yieldthought>
  * [2013-10-08] Remove -Wl,--retain-symbols-file from dynamic link line to fix tool support

* Keno Fischer <https://github.com/loladiro>
  * [2013-10-23] Use FC instead of CC to link the dynamic library on OS X

* Christopher Meng <cickumqt@gmail.com>
  * [2013-12-09] Add DESTDIR support for easier building on RPM based distros.
Use install command instead of cp to install files with permissions control.

* Lucas Beyer <lucashb.eyer.be@gmail.com>
  * [2013-12-10] Added support for NO_SHARED in make install.

* carlkl <https://github.com/carlkl>
  * [2013-12-13] Fixed LAPACKE building bug on Windows

* Isaac Dunham <https://github.com/idunham>
  * [2014-08-03] Fixed link error on Linux/musl

* Dave Nuechterlein
  * [2014-10-10] trmm and sgemm kernels (optimized for APM's X-Gene 1).
    ARMv8 support.

* Jerome Robert <jeromerobert@gmx.com>
  * [2015-01-01] Speed-up small `ger` and `gemv` using stack allocation (bug #478)
  * [2015-12-23] `stack_check` in `gemv.c` (bug #722)
  * [2015-12-28] Allow to force the number of parallel make job
  * [2015-12-28] Fix detection of AMD E2-3200 detection
  * [2015-12-31] Let `make MAX_STACK_ALLOC=0` do what expected
  * [2016-01-19] Disable multi-threading in `ger` and `swap` for small matrices (bug #731)
  * [2016-01-24] Use `GEMM_MULTITHREAD_THRESHOLD` as a number of ops (bug #742)
  * [2016-01-26] Let `openblas_get_num_threads` return the number of active threads (bug #760)
  * [2016-01-30] Speed-up small `zger`, `zgemv`, `ztrmv` using stack allocation (bug #727)

* Dan Kortschak
  * [2015-01-07] Added test for drotmg bug #484.

* Ton van den Heuvel <https://github.com/ton>
  * [2015-03-18] Fix race condition during shutdown causing a crash in gotoblas_set_affinity().

* Martin Koehler <https://github.com/grisuthedragon/>
  * [2015-09-07] Improved imatcopy

* Ashwin Sekhar T K <https://github.com/ashwinyes/>
  * [2015-11-09] Assembly kernels for Cortex-A57 (ARMv8)
  * [2015-11-20] lapack-test fixes for Cortex-A57
  * [2016-03-14] Additional functional Assembly Kernels for Cortex-A57
  * [2016-03-14] Optimize Dgemm 4x4 for Cortex-A57

* theoractice <https://github.com/theoractice/>
  * [2016-03-20] Fix compiler error in VisualStudio with CMake
  * [2016-03-22] Fix access violation on Windows while static linking

* Paul Mustire <https://github.com/buffer51/>
  * [2016-02-04] Fix Android build on ARMV7
  * [2016-04-26] Android build with LAPACK for ARMV7 & ARMV8
* Shivraj Patil <https://github.com/sva-img/>
  * [2016-05-03] DGEMM optimization for MIPS P5600 and I6400 using MSA

* Kaustubh Raste <https://github.com/ksraste/>
  * [2016-05-09] DTRSM optimization for MIPS P5600 and I6400 using MSA
  * [2016-05-20] STRSM optimization for MIPS P5600 and I6400 using MSA

* Abdelrauf <https://github.com/quickwritereader>
  * [2017-01-01] dgemm and dtrmm kernels for IBM z13
  * [2017-02-26] ztrmm kernel for IBM z13
  * [2017-03-13] strmm and ctrmm kernel for IBM z13
  * [2017-09-01] initial Blas Level-1,2 (double precision) for IBM z13
  * [2018-03-07] added missing Blas Level 1-2 (double precision) simd codes
  * [2019-02-01] added missing Blas Level-1,2 (single precision) simd codes
  * [2019-03-14] power9 dgemm/dtrmm kernel
  * [2019-04-29] power9 sgemm/strmm kernel

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1.143 mpfr 3.1.1 4.el7

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1.154 jackson 1.9.13

1.155 lucene-suggest 7.7.2

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analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,  
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,  
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1.159 springfoxswagger 2.8.0

1.160 perl-constant 1.27-2.el7

1.161 guava 20.0

1.162 spring-boot-autoconfigure 2.0.4

1.163 spring-web-mvc 5.0.8

1.164 perl-getopt-long 2.40 3.el7

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<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<link rel="stylesheet" type="text/css" href="styles.css" />
<title>uthash: a hash table for C structures</title>
</head>
<body>

<div id="banner">
<img src="banner.png" alt="uthash: a hash table for C structures" />
</div> <!-- banner -->

<hr />
<div id="mid">
<div id="main">
<pre>
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1.168 libcap 219-67.el7_7.1

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Mesa 3-D graphics library
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1.187 yum 3.4.3 163.el7.centos

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

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

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

def safe_iterparse(filename, logger=None):

diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org2017-01-24 18:55:03.529842775 +0100
@@ -58,7 +58,7 @@ class UpdateNotice(object):
     A single update notice (for instance, a security fix).
     
-    def __init__(self, elem=None):
+    def __init__(self, elem=None, repoid=None, vlogger=None):
        self._md = {
            'from' : '',
            'type' : '',
@@ -83,6 +83,9 @@ class UpdateNotice(object):
            self._parse(elem)

+    self._repoid = repoid
+    self._vlogger = vlogger
+
+    def __getitem__(self, item):
+        """ Allows scriptable metadata access (ie: un['update_id']). """
+        if type(item) is int:
+            return un._parse(elem)

+    self._rid(un):
+    if hasattr(un, '_repoid') and un._repoid is not None:
+        return un._repoid
+    else:
+        return '<unknown>'
+
+    def _log_failure(data):
"""Log the mismatched data similarly to conflict markers in git."""
if self._vlogger is None:
    return
msg = _('Duplicate of %s differs in some fields:
')
msg += '<<<<<<< %s:%s
' % (_rid(other), data)
msg += '%r
=======
%r
' % (other._md[data], self._md[data])
msg += '>>>>>>> %s:%s' % (_rid(self), data)
# --verbose mode enables this
self._vlogger.log(logginglevels.DEBUG_3, msg)

if not other or not hasattr(other, '_md'):
    return False

@@ -113,6 +134,7 @@ class UpdateNotice(object):
    continue
    if self._md[data] != other._md[data]:
        _log_failure(data)
    return False

# FIXME: Massive hack, Fedora is really broken and gives status=stable
# and status=testing for updateinfo notices, just depending on which
@@ -120,8 +142,10 @@ class UpdateNotice(object):
    data = 'status'
    if self._md[data] != other._md[data]:
        _log_failure(data)
    return False
    if other._md[data] not in ('stable', 'testing'):
        _log_failure(data)
    return False
# They are both really "stable" ...
self._md[data] = 'stable'

@@ -574,7 +598,7 @@ class UpdateMetadata(object):
    try:
        -un = UpdateNotice(elem)
    +un = UpdateNotice(elem, repoid, self._vlogger)
    except UpdateNoticeException, e:
        msg = _('"An update notice%s is broken, skipping.
') % _rid(repoid)
        if self._vlogger:
            @ @ -587,6 +611,8 @@ class UpdateMetadata(object):
                msg = _('"Update notice %s%s is broken, or a bad duplicate, skipping.
') % (un['update_id'],
                _rid(repoid))
        if not have_dup:
            msg += _('\nYou should report this problem to the owner of the %repository.'
) % _rid(repoid, "%s ")
        +msg += _('\nIf you are the owner, consider re-running the same command with --verbose to see the')
have_dup = True
if self._vlogger:
    self._vlogger.warn("%s", msg)

1.188 iconv 2.17
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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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

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

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

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

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

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

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

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

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

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

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

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1.190 gtk 2.24.31 1.el7

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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

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

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1.191 libdevmapper 1.0.2

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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

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

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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

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

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

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

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

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

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

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

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

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1.194 gson 2.8.0

1.195 ncurses 5.9 14.20130511.el7_4
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1.196 python-iniparse 0.4-9.el7

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

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

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

All Python releases are Open Source (see http://www.opensource.org for 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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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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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.

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

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

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

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

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When 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.
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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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
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c) If distribution of the work is made by offering access to copy
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specified materials from the same place.

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

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

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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.

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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
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1.206 util-linux 2.23.2 61.el7

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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2c9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
-------------------
Create 1st primary partition
ADA64ACE122978D00D1D1C0E5EE45D26 BSD.IMG

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

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

Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 BSD.IMG
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe BSD.IMG

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th>Device Boot</th>
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<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td>__ts_dev__2</td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529cb59c9341afe0443f196a1 BSD.IMG

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

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsize bsize cpg]
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0
b5c121c2091b2ff26b880551feac7112 bsd.img

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

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

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1.212 perl-filter 1.49-3.el7

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

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

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---
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>,'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."
built requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: http://module-build.sourceforge.net/META-spec-v1.4.html
version: 1.4
name: Module-Build
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version: 3
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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The End
use strict;
use lib './lib';
use MBTest;
use DistGen;

plan 'no_plan';

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

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

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

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

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

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

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

{

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

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

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

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

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

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

The two things that were leaking were the new hash in hv_copy_hints_hv and the new value (for an element) in newSVsv.

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

Petr Pisar: Ported to 5.16.3

---

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

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

+ENTER;
+SAVEFREESV(hv);
+
+while (hv_max && hv_max + 1 >= hv_fill * 2)
+    hv_max = hv_max / 2;
HVMAX(hv) = hv_max;
@@ -1461,6 +1464,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 }
HVRITER_set(ohv, riter);
HVETER_set(ohv, eiter);
+ $SvREFCNT_inc_simple_void_NN($hv);
+ LEAVE;

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

diff --git a/t/op/svleak.t b/t/op/svleak.t
index 2f09af3..011c184 100644
--- a/t/op/svleak.t
+++ b/t/op/svleak.t
@@ -13,7 +13,7 @@ BEGIN {
 or skip_all("XS::APItest not available");
 }
@@ -176,3 +176,23 @@ leak(2, 0, sub {
 each %$h;
 undef $h;
 }, 'tied hash iteration does not leak');
+  +=# [perl #107000]
+package hhtie {
+   sub TIEHASH { bless [] }
+   sub STORE { $_[0][0]{$_[1]} = $_[2] }

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

---

Open Source Used In NI-Base 2.0.12124
sub FETCH { die if $explosive; $_[0][0][$_[1]] }
sub FIRSTKEY { keys %{$_[0][0]}; each %{$_[0][0]} }
sub NEXTKEY { each %{$_[0][0]} }
+
+leak(2,!!$Config{mad}, sub {
+  eval q`
+    BEGIN {
+        $hhtie::explosive = 0;
+        tie %<H, hhtie;
+        $<H{foo} = bar;
+        $hhtie::explosive = 1;
+    }
+    1; }
+ ``;
+ }, 'hint-hash copying does not leak');
--
1.8.1.4

1.228 dnsjava 2.1.8

1.229 kerberos 1.15.1 37.el7_7.2

1.229.1 Available under license:

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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_dup_name.c
lib/gssapi/mechglue/g_dup_status.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.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
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lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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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cmd/krb5/kadmin/server/ipropd_svc.c
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/mach/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mach/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
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lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
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lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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1.231 nss-util 3.44.0 3.el7

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

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1.233 coreutils 8.22 24.el7
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/* Extracted from chown.c/chgrp.c and librarified by Jim Meyering. */

#include <config.h>
#include <stdio.h>
#include <sys/types.h>
#include <pwd.h>
#include <grp.h>

#include "system.h"
#include "chown-core.h"
#include "error.h"
#include "ignore-value.h"
#include "quote.h"
#include "root-dev-ino.h"
#include "xfts.h"

#define FTSENT_IS_DIRECTORY(E)\
  ((E)->fts_info == FTS_D\
  || (E)->fts_info == FTS_DC\
  || (E)->fts_info == FTS_DP\
  || (E)->fts_info == FTS_DNR)

enum RCH_status
{
  /* we called fchown and close, and both succeeded */
  RC_ok = 2,

  /* required_uid and/or required_gid are specified, but don't match */
  RC_excluded,

  /* SAME_INODE check failed */
  RC_inode_changed,

  /* open/fchown isn't needed, isn't safe, or doesn't work due to
   * permissions problems; fall back on chown */
  RC_do_ordinary_chown,

  /* open, fstat, fchown, or close failed */
  RC_error
};

extern void
chopt_init (struct Chown_option *chopt)
{
  chopt->verbosity = V_off;
  chopt->root_dev_ino = NULL;
  chopt->affect_symlink_referent = true;
  chopt->recurse = false;
  chopt->force_silent = false;
  chopt->user_name = NULL;
  chopt->group_name = NULL;
}

extern void
chopt_free (struct Chown_option *chopt _GL_UNUSED)
{
  /* Deliberately do not free chopt->user_name or ->group_name.
   * They're not always allocated. */
}

/* Convert the numeric group-id, GID, to a string stored in xmalloc'd memory,
 and return it. If there's no corresponding group name, use the decimal
representation of the ID. */
extern char *
gid_to_name (gid_t gid)
{
char buf[INT_BUFSIZE_BOUND (intmax_t)];
struct group *grp = getgrgid (gid);
return xstrdup (grp ? grp->gr_name
: TYPE_SIGNED (gid_t) ? imaxtostr (gid, buf)
: umaxtostr (gid, buf));
}
/* Convert the numeric user-id, UID, to a string stored in xmalloc'd memory,
and return it. If there's no corresponding user name, use the decimal
representation of the ID. */
extern char *
uid_to_name (uid_t uid)
{
char buf[INT_BUFSIZE_BOUND (intmax_t)];
struct passwd *pwd = getpwuid (uid);
return xstrdup (pwd ? pwd->pw_name
: TYPE_SIGNED (uid_t) ? imaxtostr (uid, buf)
: umaxtostr (uid, buf));
}
/* Allocate a string representing USER and GROUP. */
static char *
user_group_str (char const *user, char const *group)
{
char *spec = NULL;
if (user)
{
if (group)
{
spec = xmalloc (strlen (user) + 1 + strlen (group) + 1);
stpcpy (stpcpy (stpcpy (spec, user), ":"), group);
}
else
{
spec = xstrdup (user);
}
}
else if (group)
{
spec = xstrdup (group);

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/* Tell the user how/if the user and group of FILE have been changed.  
   If USER is NULL, give the group-oriented messages.  
   CHANGED describes what (if anything) has happened. */

static void
describe_change (const char *file, enum Change_status changed,  
   char const *old_user, char const *old_group,  
   char const *user, char const *group)  
{
   const char *fmt;
   char *old_spec;
   char *spec;

   if (changed == CH_NOT_APPLIED)  
   {  
      printf (__("neither symbolic link %s nor referent has been changed\n"),  
         quote (file));
      return;
   }

   spec = user_group_str (user, group);
   old_spec = user_group_str (user ? old_user : NULL, group ? old_group : NULL);

   switch (changed)  
   {  
      case CH_SUCCEEDED:
      
         fmt = (user ? ___("changed ownership of %s from %s to %s\n")  
            : group ? ___("changed group of %s from %s to %s\n")  
            : ___("no change to ownership of %s\n"));
         break;
      
      case CH_FAILED:
      
         if (old_spec)  
         {  
            fmt = (user ? ___("failed to change ownership of %s from %s to %s\n")  
               : group ? ___("failed to change group of %s from %s to %s\n")  
               : ___("failed to change ownership of %s\n"));
         }
      
      else  
      {  
            fmt = (user ? ___("failed to change ownership of %s to %s\n")  
               : group ? ___("failed to change group of %s to %s\n")  
               : ___("failed to change ownership of %s\n"));
            free (old_spec);

      }  
   }

   return spec;
}
old_spec = spec;
spec = NULL;
}
break;
case CH_NO_CHANGE_REQUESTED:
    fmt = (user ? "ownership of %s retained as %s\n"
        : group ? "group of %s retained as %s\n"
        : "ownership of %s retained\n");
    break;
default:
    abort ();
}

printf (fmt, quote (file), old_spec, spec);
free (old_spec);
free (spec);
}

/* Change the owner and/or group of the FILE to UID and/or GID (safely)
only if REQUIRED_UID and REQUIRED_GID match the owner and group IDs
of FILE. ORIG_ST must be the result of 'stat'ing FILE.

The 'safely' part above means that we can't simply use chown(2),
since FILE might be replaced with some other file between the time
of the preceding stat/lstat and this chown call. So here we open
FILE and do everything else via the resulting file descriptor.
We first call lstat and verify that the dev/inode match those from
the preceding stat call, and only then, if appropriate (given the
required_uid and required_gid constraints) do we call fchown.

Return RC_do_ordinary_chown if we can't open FILE, or if FILE is a
special file that might have undesirable side effects when opening.
In this case the caller can use the less-safe ordinary chown.

Return one of the RCH_status values. */

static enum RCH_status
restricted_chown (int cwd_fd, char const *file,
        struct stat const *orig_st,
        uid_t uid, gid_t gid,
        uid_t required_uid, gid_t required_gid)
{
    enum RCH_status status = RC_ok;
    struct stat st;
    int open_flags = O_NONBLOCK | O_NOCTTY;
    int fd;
if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1)
    return RC_do_ordinary_chown;

if (! S_ISREG (orig_st->st_mode))
{
    if (S_ISDIR (orig_st->st_mode))
        open_flags |= O_DIRECTORY;
    else
        return RC_do_ordinary_chown;
}

fd = openat (cwd_fd, file, O_RDONLY | open_flags);
if (! (0 <= fd
     || (errno == EACCES && S_ISREG (orig_st->st_mode)
        && 0 <= (fd = openat (cwd_fd, file, O_WRONLY | open_flags)))))
    return (errno == EACCES ? RC_do_ordinary_chown : RC_error);

if (fstat (fd, &st) != 0)
    status = RC_error;
else if (! SAME_INODE (*orig_st, st))
    status = RC_inode_changed;
else if ((required_uid == (uid_t) -1 || required_uid == st.st_uid)
    && (required_gid == (gid_t) -1 || required_gid == st.st_gid))
{
    if (fchown (fd, uid, gid) == 0)
    {
        status = (close (fd) == 0
             ? RC_ok : RC_error);
        return status;
    }
    else
    {
        status = RC_error;
    }
}

int saved_errno = errno;
close (fd);
errno = saved_errno;
return status;

/* Change the owner and/or group of the file specified by FTS and ENT to UID and/or GID as appropriate.
If REQUIRED_UID is not -1, then skip files with any other user ID.
If REQUIRED_GID is not -1, then skip files with any other group ID.
CHOPT specifies additional options.
Return true if successful. */
static bool
change_file_owner (FTS *fts, FTSENT *ent,
    uid_t uid, gid_t gid,
    uid_t required_uid, gid_t required_gid,
    struct Chown_option const *chopt)
{
    char const *file_full_name = ent->fts_path;
    char const *file = ent->fts_accpath;
    struct stat const *file_stats;
    struct stat stat_buf;
    bool ok = true;
    bool do_chown;
    bool symlink_changed = true;

    switch (ent->fts_info)
    {
    case FTS_D:
        if (chopt->recurse)
        {
            if (ROOT_DEV_INO_CHECK (chopt->root_dev_ino, ent->fts_statp))
            {
                /* This happens e.g., with "chown -R --preserve-root 0 /"
                   and with "chown -RH --preserve-root 0 symlink-to-root". */
                ROOT_DEV_INO_WARN (file_full_name);
                /* Tell fts not to traverse into this hierarchy. */
                fts_set (fts, ent, FTS_SKIP);
                /* Ensure that we do not process "/" on the second visit. */
                ignore_value (fts_read (fts));
                return false;
            }
            return true;
        }
        break;
    case FTS_DP:
        if (! chopt->recurse)
            return true;
        break;
    case FTS_NS:
/* For a top-level file or directory, this FTS_NS (stat failed)
 indicator is determined at the time of the initial fts_open call.
 With programs like chmod, chown, and chgrp, that modify
 permissions, it is possible that the file in question is
 accessible when control reaches this point. So, if this is
 the first time we've seen the FTS_NS for this file, tell
 fts_read to stat it "again". */
        if (ent->fts_level == 0 && ent->fts_number == 0)
ent->fts_number = 1;
fts_set (fts, ent, FTS_AGAIN);
return true;
}
if (! chopt->force_silent)
  error (0, ent->fts_errno, "cannot access %s",
        quote (file_full_name));
o = false;
break;

case FTS_ERR:
if (! chopt->force_silent)
  error (0, ent->fts_errno, "%s", quote (file_full_name));
o = false;
break;

case FTS_DNR:
if (! chopt->force_silent)
  error (0, ent->fts_errno, "cannot read directory %s",
        quote (file_full_name));
o = false;
break;

case FTS_DC:// directory that causes cycles */
if (cycle_warning_required (fts, ent))
  {
    emit_cycle_warning (file_full_name);
    return false;
  }
break;

default:
  break;
}

if (!ok)
{
  do_chown = false;
  file_stats = NULL;
}
else if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1
  && chopt->verbosity == V_off
  && ! chopt->root_dev_ino
  && ! chopt->affect_symlink_referent)
  {
    do_chown = true;
    file_stats = ent->fts_statp;
/* If this is a symlink and we're dereferencing them, 
   stat it to get info on the referent. */
if (chopt->affect_symlink_referent && S_ISLNK (file_stats->st_mode))
{
    if (fstatat (fts->fts_cwd_fd, file, &stat_buf, 0) != 0)
        [/* (! chopt->force_silent)*/
            error (0, errno, _("cannot dereference %s"),
                   quote (file_full_name));
        ok = false;
    ]

    file_stats = &stat_buf;
}

do_chown = (ok
    && (required_uid == (uid_t) -1
        || required_uid == file_stats->st_uid)
    && (required_gid == (gid_t) -1
        || required_gid == file_stats->st_gid));
}

/* This happens when chown -LR --preserve-root encounters a symlink-to-. */
if (ok
    && FTSENT_IS_DIRECTORY (ent)
    && ROOT_DEV_INO_CHECK (chopt->root_dev_ino, file_stats))
{
    ROOT_DEV_INO_WARN (file_full_name);
    return false;
}

if (do_chown)
{
    if ( ! chopt->affect_symlink_referent)
        [ok = (lchownat (fts->fts_cwd_fd, file, uid, gid) == 0);

    /* Ignore any error due to lack of support; POSIX requires 
       this behavior for top-level symbolic links with -h, and 
       implies that it's required for all symbolic links. */
    if (!ok && errno == EOPNOTSUPP)
        [ok = true;
symlink_changed = false;
}
}
else
{
/* If possible, avoid a race condition with --from=O:G and without the
(-h) --no-dereference option. If fts's stat call determined
that the uid/gid of FILE matched the --from=O:G-selected
owner and group IDs, blindly using chown(2) here could lead
chown(1) or chgrp(1) mistakenly to dereference a *symlink*
to an arbitrary file that an attacker had moved into the
place of FILE during the window between the stat and
chown(2) calls. If FILE is a regular file or a directory
that can be opened, this race condition can be avoided safely. */

enum RCH_status err
    = restricted_chown (fts->fts_cwd_fd, file, file_stats, uid, gid,
                         required_uid, required_gid);
switch (err)
{
    case RC_ok:
        break;

    case RC_do_ordinary_chown:
        ok = (chownat (fts->fts_cwd_fd, file, uid, gid) == 0);
        break;

    case RC_error:
        ok = false;
        break;

    case RC_inode_changed:
        /* FIXME: give a diagnostic in this case? */
    case RC_excluded:
        do_chown = false;
        ok = false;
        break;

    default:
        abort ();
    }
}

/* On some systems (e.g., GNU/Linux 2.4.x),
the chown function resets the 'special' permission bits.
Do *not* restore those bits; doing so would open a window in
which a malicious user, M, could subvert a chown command run
by some other user and operating on files in a directory
where M has write access. */

if (do_chown && !ok && ! chopt->force_silent)
  error (0, errno, (uid != (uid_t) -1
    ? _("changing ownership of \%s")
    : _("changing group of \%s").quote (file_full_name));
}

if (chopt->verbosity != V_off)
{
  bool changed =
    ((do_chown && ok && symlink_changed)
     && !(uid == (uid_t) -1 || uid == file_stats->st_uid)
     && (gid == (gid_t) -1 || gid == file_stats->st_gid));

  if (changed || chopt->verbosity == V_high)
  {
    enum Change_status ch_status =
      (!ok ? CH_FAILED
         : !symlink_changed ? CH_NOT_APPLIED
         : !changed ? CH_NO_CHANGE_REQUESTED
         : CH_SUCCEEDED);
    char *old_usr = file_stats ? uid_to_name (file_stats->st_uid) : NULL;
    char *old_grp = file_stats ? gid_to_name (file_stats->st_gid) : NULL;
    describe_change (file_full_name, ch_status,
      old_usr, old_grp,
      chopt->user_name, chopt->group_name);
    free (old_usr);
    free (old_grp);
  }
}

if ( ! chopt->recurse)
  fts_set (fts, ent, FTS_SKIP);

return ok;

/* Change the owner and/or group of the specified FILES.
BIT_FLAGS specifies how to treat each symlink-to-directory
that is encountered during a recursive traversal.
CHOPT specifies additional options.
If UID is not -1, then change the owner id of each file to UID.
If GID is not -1, then change the group id of each file to GID.
If REQUIRED_UID and/or REQUIRED_GID is not -1, then change only
files with user ID and group ID that match the non-(-1) value(s).
Return true if successful. */
extern bool
chown_files (char **files, int bit_flags,
uid_t uid, gid_t gid,
uid_t required_uid, gid_t required_gid,
struct Chown_option const *chopt)
{
bool ok = true;
/* Use lstat and stat only if they're needed. */
int stat_flags = ((required_uid != (uid_t) -1 || required_gid != (gid_t) -1
|| chopt->affect_symlink_referent
|| chopt->verbosity != V_off)
?0
: FTS_NOSTAT);
FTS *fts = xfts_open (files, bit_flags | stat_flags, NULL);
while (1)
{
FTSENT *ent;
ent = fts_read (fts);
if (ent == NULL)
{
if (errno != 0)
{
/* FIXME: try to give a better message */
if (! chopt->force_silent)
error (0, errno, _("fts_read failed"));
ok = false;
}
break;
}
ok &= change_file_owner (fts, ent, uid, gid,
required_uid, required_gid, chopt);
}
if (fts_close (fts) != 0)
{
error (0, errno, _("fts_close failed"));
ok = false;
}
return ok;
}
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1.241 perl 1.04 294.el7_6

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<one line to give the program's name and a brief idea of what it does.>
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Gnomovision version 69, Copyright (C) 19xx name of author
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This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

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

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The End
#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.
If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the $<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) { 
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
local $/ = "";
my $copyright_msg = <readme>;

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

sub v_year
# returns the latest copyright year shown in perl -v
{
my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright \d{4,}/i
  or die "Copyright statement not found in perl -v output '$output'';
$year;
}

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---
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the
Module-Build mailing list at <module-build@perl.org>.
" build_requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: http://module-build.sourceforge.net/META-spec-v1.4.html
version: 1.4
name: Module-Build
resources:
MailingList: mailto:module-build@perl.org
license: http://dev.perl.org/licenses/
repository: http://github.com/dagolden/module-build/
version: 3

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

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The End

1.242 less 458 9.el7

1.242.1 Available under license:

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1.244 libverto 0.2.5-4.el7
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Julian Seward, Cambridge, UK.
jseward@bzip.org
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Glenn Randers-Pehrson
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1.252 gdbm 1.10-8.el7

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From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)

From speccdt@armory.com Wed May 10 10:21:11 1995
Flags: 10
Return-Path: speccdt@armory.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from speccdt@armory.com for <chet@odin.INS.CWRU.Edu>)
Received: from deepthought.armory.com (mmdf@deepthought.armory.com [192.122.209.42]) by po.cwru.edu with
SMTP (8.6.10+cwru/CWRU-2.3)
id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from speccdt@armory.com for <chet@po.cwru.edu>)
From: John DuBois <speccdt@armory.com>
Date: Tue, 9 May 1995 22:33:12 -0700
In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>
"ksh scripts" (May 9, 1:36pm)
X-Www: http://www.armory.com/~speccdt/
X-Mailer: Mail User's Shell (7.2.5 10/14/92)
To: chet@po.cwru.edu
Subject: Re: ksh scripts
Message-ID: <9505092233.aa13001@deepthought.armory.com>
Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

``The lyf so short, the craft so long to lerne.`` - Chaucer

Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu

-- End of excerpt from Chet Ramey

From mikel@ora.com Tue Aug 1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP (8.6.12+<wru/CWRU-2.1-ins)
id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)
Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995 12:07:51 -0400
I've modified a (modified) version of Bill Rosenblatt's ksh debugger to work with bash-2.0. Does ORA have any problem with me distributing it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and stick it in our ftp archive, and put a reference to it in the book. (Too late to actually discuss the thing, at least for this edition).

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

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

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Mersenne Twister

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

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

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Sockets
-------

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

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Asynchronous socket services
-----------------------------

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

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

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1.262 libxi 1.7.9 1.el7

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1.263 libsm 1.2.2-2.el7

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Subject: RE: Question about Mesa MLAA license  
From: Jorge Jimenez <iryoku@gmail.com>  
Date: 01/08/2013 12:50 PM  
To: Tom Callaway <tcallawa@redhat.com>  
CC: "jorge@iryoku.com" <jorge@iryoku.com>  

Yes to both questions.

Thanks,  
Jorge

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

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

Okay, a few more questions:

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

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
Hi Tom,

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

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

Cheers,
Jorge

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

Jorge,

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

The license says:

* 2. Redistributions in binary form must reproduce the following statement:
"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Only for use in the Mesa project, this point 2 is filled by naming the technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR

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

*****

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

Thanks in advance,

Tom Callaway
Fedora Legal

==
Fedora Project
/* Legal characters in GLSL are:
* 
* Identifier characters:
* 
*   Letters a-z
*   Letters A-Z
*   Underscore
*   Numbers 0-9
* 
* Punctuation:
* 
*   Period, plus, dash, slash, asterisk, percent, angled brackets,
*   square brackets, parentheses, braces, caret, vertical bar,
*   ampersand, tilde, equals, exclamation point, colon, semicolon,
*   comma, and question mark
* 
* Special:
* 
*
* Number sign (as used in preprocessor)
* Backslash just before newline as line continuation
* White space:
  * Space, horizontal tab, vertical tab, form feed, carriage-return, and line-feed.

* [GLSL Language Specification 4.30.6, section 3.1]
* In this file, we test each of these in turn as follows:
  * Identifier characters: All pass through unchanged
  * Punctuation: All pass through unchanged
  * Special: Empty directive replaced with blank line
    * Line continuation merges two lines, then a blank line
  * Whitespace: 4 horizontal space characters each replaced with space
    * 2 newline characters each replaced with a newline

*/
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
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<pre>
<table>
<thead>
<tr>
<th>Component</th>
<th>Location</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Mesa code</td>
<td>src/mesa/</td>
<td>MIT</td>
</tr>
<tr>
<td>Device drivers</td>
<td>src/mesa/drivers/*</td>
<td>MIT, generally</td>
</tr>
<tr>
<td>Gallium code</td>
<td>src/gallium/</td>
<td>MIT</td>
</tr>
<tr>
<td>Ext headers</td>
<td>include/GL/glext.h</td>
<td>Khronos</td>
</tr>
<tr>
<td></td>
<td>include/GL/glxext.h</td>
<td></td>
</tr>
<tr>
<td>GLX client code</td>
<td>src/glx/</td>
<td>SGI Free Software License B</td>
</tr>
<tr>
<td>C11 thread emulation</td>
<td>include/c11/threads*.h</td>
<td>Boost (permissive)</td>
</tr>
</tbody>
</table>
</pre>

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</div>
</body>
</html>

1.266 cryptsetup 2.0.3 5.el7

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Version 3, 29 June 2007

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<li>Additional CertPath testing and validation data from the CertPath testing tool developed by <a href="https://www.cryptosource.de/">cryptosource GmbH</a> and <a href="https://www.mtg.de">media Transfer AG</a> both located in Darmstadt, Germany.</li>
</ul>

People
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- Casey Marshall <rdio@metastatic.org> - fixing the clone problem with Macs in the clean room JCE.

- Rick Zeldes <rick.zeldes@eds.com> - initial code for CMS/SIMIME CompressedData.

- Jarek Gawor <gawor@mcs.anl.gov> - fixing ASN.1 sequence unpacking in BasicConstraints constructor.

- Brett Neumeier <random@md.cxa> - patch to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UriBase64.

- Graham Coles <graham.coles@64;retail-logic.com> - patch to isParityAdjusted in DESKeySpec.

- Jürgen von Kattche <J.Kattchee@64;seeburger.de> - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.

- Matteo Artuso <matartuso@libero.it> - picking up the possible overread in ASN1InputStream.

- Julian Morrison <julian@64;extropy.demon.co.uk> - spotting the slow down in Diffie-Hellman key generation.

- Elmar Sonnenschein <eso@64;esomail.de> - fix to long conversion in clean room SecureRandom.

- Bryan Lovquist <bkl@64;cps.com.au> - Locale fix for the clean room JCE.

- Jan Dvorak <jan.dvorak@64;mathan.cz> - initial implementation of the light weight Null block cipher.

- Joe Cohen <jcohen@64;forumsys.com> - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.

- Chris Long <cllong@ece.cmu.edu> - adding public key decoding to PEMReader.

- Hes Siemelink <hes@64;ize.com> - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getsize() fix for zero length messages in SMIMEMessage.

- Stefan Puiu <stefanpuiuro@yahoo.com> - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.

- Kaiser Yang <kaiseryang@64;yahoo.com> - Finding BigInteger loop problem in prime generation.

- Jiri Urbanec <jiri.urbanec@64;logicacmg.com> - patch to fix defect in DERBMPSingleReq().

- Justin Kolb <jkolb@64;pristx.com> - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.

- Ralf Hauser <ralfhauser@64;4mx.ch> - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator.

- Michal Dvorak <M_Dvorak@64;kb.cz> - getNextUpdate patch for OCSP SingleResp.

- Klaus Greve Fiorentini <Klaus@64;cqpd.com.br> - array fix in PGP PublicKeyEncSessionPacket.

- Olivier Refalo <Olivier_Refalo@64;4fpl.com> - null pointer exception fix for JDK 1.3 CMSSignedData objects.

- Mariusz Bandola <mariusz.bandola@cryptotech.com.pl> - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.

- Brien Oberstein <brien.oberstein@64;transacttools.net> - patch to S2K algorithm in OpenPGP, initial PGP
version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.</li>
<li>Ian Haywood &lt;ian@064haywood.bpa.nu&gt; - addition of getSignatureType to PGPSignature.</li>
<li>Jonathan Edwards &lt;s34gull@064mac.com&gt; - initial support for reading multiple rings from a PGP key file.</li>
<li>Andrew Thornton &lt;andrew@064caret.cam.ac.uk&gt; - patch for RSA PUBLIC KEY in PEMReader.</li>
<li>Gregor Leander &lt;g@064bos-bremen.de&gt; - initial parsing of multiple sequence entries in an X.500 Name.</li>
<li>Antoon Bosselaers &lt;Antoon.Bosselaers@064esat.kuleuven.ac.be&gt; - help with RipeMD320 implementation.</li>
<li>Peter Sylvester &lt;Peter.Sylvester@064edelweb.fr&gt; - improvements to the ASN.1 BasicConstraints object.</li>
<li>Doug &lt;ummmm@064myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.</li>
<li>Francois Staes &lt;fsaes@064netconsult.be&gt; - improvements to DEBitString, DERGeneralizedTime and initial implementation of DERGeneralString, addition of settable signed content info to CMSSignedDataGenerator, patch to DH key agreement.</li>
<li>Ian Haywood &lt;ian@064haywood.bpa.nu&gt; - patch for decoding of SignatureCreationTime in BCPG. Patch to PGPKeyPair to fix nullpointer exception.</li>
<li>Perez Paz Luis Alberto &lt;laperez@064banxico.org.mx&gt; - patch to use of BitString in X.500 name.</li>
<li>James Wright &lt;James_Wright@064harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStreams.</li>
<li>Jim Ford &lt;jim@064muirford.com&gt; - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.</li>
<li>Michael Hausler &lt;haeusler@064ponont-consulting.de&gt; - extra aliases for provider.</li>
<li>Sai Pullabholuta &lt;psai@064linoma.com&gt; - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.</li>
<li>Joseph Miller &lt;joseph@064digiweb.net.nz&gt; - addition of ZeroBytePadding.</li>
<li>Lars &lt;xyz@064sagemdenmark.dk&gt; - patch to explicit padded mode for CBC block cipher MAC.</li>
<li>James Wright &lt;James_Wright@064harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStreams.</li>
<li>Jun Sun &lt;JSun@064diversinet.com&gt; - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.</li>
<li>Petr Dukem &lt;spukem@064email.cz&gt; - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.</li>
<li>Filipe Silva &lt;filipe.silva@064wedoconsulting.com&gt; - patch to fix overead issue in BCPGInputStream.</li>
<li>Alpesh Parmar &lt;alps@064linuxmail.org&gt; - patch for class cast problem in PGPPublicKey.getSignatures().</li>
<li>Jay Gengelbach &lt;jjangelbach@064webmethods.com&gt; - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.</li>
<li>Doug &lt;doug@064tigerprivacy.com&gt; - public key ring patches for ElGamal Signatures, problem key ring data.</li>
<li>Matthew Mundy &lt;mmundy1@064umbc.edu&gt; - infinite loop prevention patch to PKCS5S2ParametersGenerator.</li>
<li>Tom Cargill &lt;cargill@064profcon.com&gt; - spelling patch in provider.</li>
<li>Breitenstrom Christian &lt;Breitenstrom@064t-systems.com&gt; - compatibility patch to SignaturePacket, DetachedSignatureProcessor.</li>
<li>Alpesh Parmar &lt;alps@064linuxmail.org&gt; - patch for class cast problem in PGPPublicKey.getSignatures().</li>
<li>Jay Gengelbach &lt;jjangelbach@064webmethods.com&gt; - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.</li>
<li>Bruce Gordon &lt;bruce.gordon@064savvis.net&gt; - patch to secret key creation encoding NullPointerException in
OpenPGP, speed up for BCPGInputStream.

Miles Whiteley <Miles.Whiteley@064savvis.net> - "223" fix for BCPGInputStream new packets.

Albert Moliner <amoliner@064evintia.com> - initial TSP implementation.

Carlos Lozano <carlos@064evintia.com> - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.

Javier Delgadillo <javi@064javidiademobile.org> - initial Mozilla PublicKeyAndChallenge classes.

Joni Hahkala <joni.hahkala@064cern.ch> - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the &lt;a href="http://www.eu-egee.org">EGEE project</a>&lt;/a&gt; for making the work available.

Miles Whiteley <Miles.Whiteley@064savvis.net> - "223" fix for BCPGInputStream new packets.

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Rolf Schillinger <rolf@064sir-wum.de> - initial implementation of Attribute Certificate generation.

Serger Hay <serger.hay@064yahoo.com> - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.

Franck Leroy <Franck.Leroy@064keynectis.com> - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.

Atsuhiko Yamanaka <ymnk@064jcraft.com> - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.

Nickolay Bolshakov <tyrex@064rekssoft.ru> - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer <soren.hilmer@064itiotenator.com> - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell <mitchell@064intertrust.com> - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.

Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

Dirk Eisner <D.Eisner@064seeburger.de> - initial implementation of ISO 7816-4 padding.

Julien Pasquier <julienpasquier@064free.fr> - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

Matteo <matartuso@064libero.it> - sequence patch to ASN1Dump.

Andrew Paterson <andrew.paterson@064burnsec.com> - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov <vladimir.n.molotkov@064intel.com> - extensive provider exception handling compliance testing.

Florin Kollan <adlocflo@064web.de> - fix to ElGamalKeyParameters equality testing.

Pavel Vassiliev <paulvas@064gmail.com> - Initial GOST28147Mac implementation.

Tom Pesman <tom@064nux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.

Lukasz Kowalczyk <lukasz.b.kowalczyk@064gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.

Arndt Hasch <Arndt.Hasch@064maxence.de> - additional fix for partial reading with new style PGP packets.

Fix Bernd (KCDP 11) <bernd.fix@064credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.

David M. Lee <dmlee@Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.

Mike Dillon <md5@064embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.

tu-vi cung <t2cung@064hotmail.com> - patch for out of bounds problem in getDecoderStream method.
Chris Schultz <cschultz@#064gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.

David M. Lee <dmlee@#064Crossroads.com> - implementation assistance with streaming CMS classes.

Joel Rees <rees@#064ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.

Francesc Sau <francesc.sau@#064partners.netfocus.es> - micro fix for tsp Accuracy class.

Larry Bugbee <bugbee@#064mac.com> - initial ECN implementation.

Remi Blancher <Remi.Blancher@#064keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.

Brian O'Rourke <brianorourke@#064gmail.com> - patch for signature creation time override in OpenPGP.

Andreas Schwier <andreas.schwier@#064cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.

David Josse <david.josse@transacttools.net> - Patch for trailer function in version 2 signature packets.

Kishimoto Kazuhiko <kazu-k@#064hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.

Lawrence Tan <lwrmctan@#064gmail.com> - Large field OID sample test data. Missing key types in JDKKeyFactory.

Carlos Valiente <superdupont@#064gmail.com> - Addition of CRL writing to the PEMWriter class.

Keyon AG, Martin Christinat, <a href="http://www.keyon.ch">http://www.keyon.ch</a> - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.

Olaf Keller, <olaf.keller.bc@#064bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.

J&ouml;rg Eichhorn <eichhorn@#064ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.

Karsten Ohmne <widerstand@#064t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name types for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.

Carlos Lozano Ruiz <carlos@#064tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.

John Alfred Prufrock <j.a.prufrock@#064gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.

Stefan Neusatz Guilhen <sneusatz@#064gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

Marzio Lo Giudice <marzio.logiudice@#064gmail.com> - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

Georg Lippold <georg.lippold@#064gmx.de> - initial implementation of NaccacheStern cipher.
Chris Viles <chris_viles@yahoo.com> - fix to SignatureSubpacket critical bit setting.

Pasi Eronen <Pasi.Eronen@nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.

Lijun Liao <lijun.liao@rub.de> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream.

Maria Ivanova <maria.ivanova@nokia.com> - support for tags > 30 in ASN.1 parsing.

Armin Hämmler <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder <mschilder@604google.com> - main set of test vectors for Bleichenbacher's forgery attack.

Chris Viles <chris_viles@yahoo.com> - fix to SignatureSubpacket critical bit setting.

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Maria Ivanova <maria.ivanova@nokia.com> - support for tags > 30 in ASN.1 parsing.

Armin Hämmler <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder <mschilder@604google.com> - main set of test vectors for Bleichenbacher's forgery attack.
- security manager patch for PKCS1Encoding property check.

- updates to KeyPurposeId

- improved exception handling for getInstance() in ASN.1 library.

- patch to construtor for CRMF CertSequence.

- identified a bug in ASN.1 library with handling of unterminated NDEF's.

- patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.

- identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

- identified problem with EAX [#BJA-93].

- fix to use of Signature rather than SignatureSpi in provider [#BJA-90].

- Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102].

- fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().

- fix to default partial packet generation in BCPGOutputStream.

- fix to hashCode for X509CertificateObject.

- backport for PKIXCertPathValidotor and SMIMESignedMailReviewer.

- speedups for OpenPGPCFB mode, clean room JCE patches.

- speed ups for Camellia implementation, CamelliaLightEngine.

- initial implementation of Grain-v1 and Grain-128.

- initial implementation of Grain-v1 and Grain-128.

- error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.

- addition of UniqueIssuerID to certificate generation.

- subjectAlternativeName fix for x509CertStoreSelector.

- datahandler patch for attached parts in SMIME signatures.

- explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.

- verbose mode for ASN1Dump, support for DERExternal.

- initial SRP-6a implementation.

- patch to encoding for CRMF OptionalValidity.

- path for recognising multiple counter signatures.

- CMPCertificate constructor from X509CertificateStructure fix.

- fix to sign extension key and IV problem in HC-128, HC-256.

- fix to buffer reset in AsymmetricBufferedBlockCipher.

- fix for BERConstructedOctetString.

- patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].

- name look up patch for GOST-2001 parameters.
Mike Lyons <mlyons@layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.

Chris Cole <chris_h_cole@yahoo.com> identified a problem handling null passwords when loading a BKS keystore.

Tomas Krivanek <tomas@atack.cz> added checking of Sender header to SignedMailValidator.

Michael <emfau@t-online.de> correction of field error in getResponse method in CertRepMessage.

Trevor Perrin <trevor@064cryptography.com> addition of constant time equals to avoid possible timing attacks.

Markus Kiläring <markus@064primekey.se> several enhancements to TimeStampResponseGenerator.

Dario Novakovic <darionis@064yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.

Michael Smith <msmith@cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.

Andrea Zilio <andrea.zilio@gmail.com> fix for PEM password encryption of private keys.

Alex Birkett <alex@064birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].

Wayne Grant <waynedgrant@064gmail.com> additional OIDs for PCKS10 and certificate generation support.

Frank Cornelis <info@064frankcornelis.be> additional support classes for CAdES, enhancements to OCSP classes.

Jan Dittberner <jan@064dittberner.info> addHeader patch for SMIME generator.

Bob McGowan <boa@mcgoo@064btinternet.com> patch to support different content and mgf digests in PSS signing.

Ivo Matheis <i.matheis@064seeburger.de> fix to padding verification in ISO-9796-1.

Marco Sandrini <nessche@064gmail.com> patch to add IV to ISO9797Alg3Mac.

Alf Malf <alfilmalf@064hotmail.com> removal of unnecessary limit in CMSContentInfoParser.

Alfonso Massa <alfonso.massa@064insiel.it> contributions to CMS time stamp classes.

Giacomo Boccardo <gboccardo@064unimaticaspa.it> initial work on CMSTimeStampedDataParser.

Arnis Tartu <arnis@064ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.

Janusz Sikociński <J.Sikociinski@064gdzie.pl> addition of Features subpacket support to OpenPGP API.

Juri Hudolejev <jhudolejev@064gmail.com> JavaDoc fix to CMSSignedDataParser.

Liane Velten <liane.velten@hjp-consulting.com> fine tuning of code for DHPARAMeters validation.

Shawn Willden <swillden@064google.com> additional functionality to PGPKeyRing.

Atanas Krachev <akrachev@064gmail.com> added support for revocation signatures in OpenPGP.

Mickael Laiking <mickael.laiking@064keynecctis.com> initial cut of EAC classes.

Tim Buktu <tbuktu@064hotmail.com> Initial implementation of NTRU signing and encryption.

Bernd <bernd@064gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.

Steing Inge Morisbak <stein.inge.morisbak@064BEKK.no> Test code for lower case Hex data in PEM headers.

Andreas Schmid <andreas.schmid@064tngtech.com> Additional expiry time check in PGPPublicKeys.

Phil Steitz <phil.steitz@064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.

Ignat Korchagin <ignat.korchagin@064gmail.com> Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.

Petar Petrov <p.petrov@bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.

Daniel Fitzpatrick <daniel.f.nwr@064gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.
Andy Neilson <Andy.Neilson@#064quest.com> a further patches to deal with multiple providers and PEMReader.</li>

Ted Shaw <xiao.xj@#064gmail.com> patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.</li>

Eleriseth <Eleriseth@#064WPECGLtYbVi8Ri6Y7VzI2Lvd2EUVW99v3yNV3IWROG8.fms> speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.</li>

Kenny Root <kenny@#064the-b.org> patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.</li>

Maarten Bodewes <maarten.bodewes@#064gmail.com> initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.</li>

Andy Neilson <Andy.Neilson@#064quest.com> initial implementation of J-PAKE.</li>

Brian Carlstrom <bdc@#064carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory.</li>

Samuel Lid&amp;eacute;n Borell <samuel@#064primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinders.</li>

Sergio Demian Lerner <sergiolerner@#064certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.</li>

Tim Whittington <Tim.Whittington@#064orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDCrypt, PGP API documentation and code quality work.</li>

Marcus Lundblad <marcus.lundblad@#064primekey.se> patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.</li>

Andrey Zhozhin <zhozhin@#064xrm.ru> patch for override of TSP SignerInfo attributes.</li>

Sergey Tiunov <s5555d@#064gmail.com> initial cut of DVCS classes.</li>

Damiol Kolasa <fatfredyy@#064gmail.com> ASN1Sequence patch for class cast issue in X9Curve.</li>

Ash Hughes <ashley.hughes@#064blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().</li>

Daniel Hirscher <dev@#064daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.</li>

Daniele Ricci <daniele.athome@#064gmail.com> initial implementation of EC keys for OpenPGP and RFC6637 support.</li>

Matti Aarnio <matti.aarnio@#064mathics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleansups, JavaDoc improvements for ASN.1 classes.</li>

Babak Najafi <bna@#064akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.</li>

Eric M&amp;uuml;liller <eric.mueller@#064sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.</li>

Mathias Herberts <Mathias.Herberts@#064gmail.com> fix to inOff usage in RFC3394WrapEngine.</li>

Daniu Ivanov <daniu.ivanov@#064gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.</li>

Daniele Grasso <daniele.grasso86@#064gmail.com> contributions to final Key calculation code for SRP6.
Andrey Utkin <cindrhc&#064gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis&#064604ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.

AxelVDB <axel-vdb&#064riseup.net> initial implementation of Shacal2.

Roberto Tyley <> further work on completing gradle build.

Waldemar Dick <wdick&#064devmue.de> code improvement in x500 ASN.1 package.

Sid Steward <sid.steward&#064064pdflabs.com> code improvements to ASN1Boolean.

Alex Klyubin <klyubin&#064064google.com> AlgorithmParameters check for EC key agreement.

Jonathan Gillett <gsoc.student&#064gmail.com> Initial support for block cipher IVs in ISEEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter&#064iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller&#064iaik.tugraz.at> initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli <ehli&#064arago.de> Additional support for BSI plain ECDSA in the provider.

Daniel Heldt <Daniel.Heldt&#064cryptovision.com> Initial support for encodable state message digests.

Robert Bushman <bouncycastle&#064064traxel.com> Clean up of DirectKeySignature example.

Maurice Aarts <maartens&#064064riscure.com> updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer <https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.

KB Sirram <mail_kb&#064yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze <marco&#064064nightlabs.de> Reported verification bug in GenericSigner.


Lijun Liao <ljun.liao&#064gmail.com> adjusted getSignatureAlgorithmID to BasicOCSPResp.

dstutz <https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.

Tobias Wich <tobias.wich&#064064ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.

Hauke Mehtrens <hauke&#064064hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.

Jens Kapitza <j.kapitza&#064schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.

Johan Eklund <johan&#064primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.

nikosn <https://github.com/nikosn> Fix to encoding of EC private keys to ensure encoding matches order length.

Axel von dem Bruch <axel-vdb&#064riseup.net> Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.

Derek Atkins <derek&#064064ihtfp.com> Documentation fixes to X9ObjectIdentifiers.

Peter Jr Halicky <peto&#064halicky.sk> Correction to notification/error message handling in SignedMailValidator.


Thomas Belot <thomas.belot+BC&#064064gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.

Rich DiCroce <https://github.com/rdicroce> Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.

Bj&ouml;rn Kautler <https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).

Dominik Sch.&uuml;rmann <https://github.com/dschuermann> method for returning signatures/verifications
without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection
modes in S2K classes, optional version header for armored output.</li> <li>Michael <MSKnete&#064web.de> initial fix for bitStrength issue for OpenPGP EC keys.</li> <li>Tobias Wagner <tobias.wagner&#064n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper
[#BJA-536].</li> <li>Sergio Giro <sgirol#064google.com> Fixed adding of additional stores from CRL distribution point
[#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in
PBE.java, check for salt in PBEKeys that require it.</li> <li>bschuetteshttps://github.com/bschuettes Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional
methods on CMSSignedDataParser.</li> <li>Leonard Dallothttps://github.com/dallotTazTag Fix to S2K usage of none on changing passwords on keys
without passwords originally.</li> <li>Jan Willem Janssen j.w.janssen+bouncycastle#064lxtreme.nl Support for DSAParameters in lightweight
SubjectPublicKeyInfoFactory, initial content signer verifier for BC lightweight EC.</li> <li>Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.</li> <li>Kai Kramer <kai.kramer#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12
KeyStore.</li> <li>Benoit Charles <benoit,charles#064opentrust.com> Fix for IES data length check on decryption.</li> <li>Niko <nfink95#064gmail.com> fix to cast issue in getOutputSize() for ECIES.</li> <li>akwizgranhttps://github.com/akwizgran Fixed clone of key in Blake2bDgest copy constructor, blake2b reset
issue for variant keys.</li> <li>Matthias Edelhoff <Matthias.Edelhoff#064cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX
certpath classes.</li> <li>Lukasz Deputat <lukasz.deputat#064gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592].</li> <li>Justin Ludwig <https://github.com/justinludwig> Iterator fix for PGPObjectFactory to handle stream packets at
start of iterated data.</li> <li>Andr&egrave;eacutete Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC
AlgorithmParameterSpi</li> <li>Slawomir Jaranowskihttps://github.com/slawekjaranowski> Patch to make cipher/hash/signature name
additional test cases for the provider.</li> <li>Gorka Irazoqui <girazoki#064wpi.edu> from Intel Security Center of Excellence <https://security-
center.intel.com/> detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for
improvement to hardening of AESEngine.</li> <li>Joerg Senekowitsch <jserg.senekowitsch#064veridos.com> patch to deal with hard coded boolean in EAC
ECDSAPublicKey.</li> <li>Alexandr Krivoshta <wipe#064ya.ru> N4 calculation fix to GOFB mode.</li> <li>Artem Storozhuk <storozh72#064gmail.com> N4 calculation fix to GOFB mode.</li> <li>Na Yu <na.yu#064samsung.com> Constructor patches to CMC PKIData.</li> <li>Evangeliou Karatsiolis <ekaratsiolis#064mtg.de> Corrected use of explicit tagging in X.509 PolicyConstraints
class.</li>


Sebastian Wolfgang Roland <sebastianwolfgang.roland@stud.tu-darmstadt.de> Initial XMSS/XMSS-MT implementation.


Mike Safonov <https://github.com/MikeSafonov> initial implementation of GOST3410-2012 for light weight provider and JCA.

Artem Storozhuk <storozh72@gmail.com> initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.

Andreas Glaser <andreas.glaser@gi.de.com> patch to recognise ANSSI curves for PKCS#10 requests.

1.287 t-digest 3.2

1.288 strace 4.12-9.el7

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1.289 commons-math 3.6.1

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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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Preamble

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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
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to attach them to the start of each source file to most effectively
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the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

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

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<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.]

Preamble

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

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without
changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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

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

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

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

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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.

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

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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

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

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1.295 jopt-simple 5.0.3

1.296 activation 1.8

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 */

package java.security;

/ *
 * Abstract class for representing access to a system resource.
 * All permissions have a name (whose interpretation depends on the subclass),
 * as well as abstract functions for defining the semantics of the
 * particular Permission subclass.
 *
 * <p>Most Permission objects also include an "actions" list that tells the actions

---

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* that are permitted for the object. For example,
* for a [@code java.io.FilePermission] object, the permission name is
* the pathname of a file (or directory), and the actions list
* (such as "read, write") specifies which actions are granted for the
* specified file (or for files in the specified directory).
* The actions list is optional for Permission objects, such as
* [@code java.lang.RuntimePermission],
* that don't need such a list; you either have the named permission (such
* as "system.exit") or you don't.
*
* <p>An important method that must be implemented by each subclass is
* the [@code implies] method to compare Permissions. Basically,
* "permission p1 implies permission p2" means that
* if one is granted permission p1, one is naturally granted permission p2.
* Thus, this is not an equality test, but rather more of a
* subset test.
*
* <p>Permission objects are similar to String objects in that they
* are immutable once they have been created. Subclasses should not
* provide methods that can change the state of a permission
* once it has been created.
*
* @see Permissions
* @see PermissionCollection
*
* @author Marianne Mueller
* @author Roland Schemers
*/

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

    private static final long serialVersionUID = -5636570222231596674L;

    private String name;

    /**
     * Constructs a permission with the specified name.
     *
     * @param name name of the Permission object being created.
     *
     */

    public Permission(String name) {
        this.name = name;
    }

    /**
implements the guard interface for a permission. The
\{@code SecurityManager.checkPermission\} method is called,
passing this permission object as the permission to check.
Returns silently if access is granted. Otherwise, throws
\{@code SecurityException\}.

\@param object the object being guarded (currently ignored).

\@throws SecurityException
    if a security manager exists and its
    \{@code checkPermission\} method doesn't allow access.

\@see Guard
\@see GuardedObject
\@see SecurityManager#checkPermission

public void checkGuard(Object object) throws SecurityException {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null) sm.checkPermission(this);
}

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

public abstract boolean implies(Permission permission);

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

public abstract boolean equals(Object obj);

/**
 * @return true if both Permission objects are equivalent.
 */

public abstract int hashCode();

/**
 * Returns the hash code value for this Permission object.
 * @return a hash code value for this object.
 */

public final String getName() {
    return name;
}

/**
 * Returns the name of this Permission.
 * @return the name of this Permission.
 */

/**
 * Returns the actions as a String. This is abstract
 * so subclasses can defer creating a String representation until
 * one is needed. Subclasses should always return actions in what they
 * consider to be their
 * canonical form. For example, two FilePermission objects created via

* the following:
*
* <pre>
* perm1 = new FilePermission(p1,"read,write");
* perm2 = new FilePermission(p2,"write,read");
* </pre>
*
* both return
* "read,write" when the { @code getActions} method is invoked.
*
* @return the actions of this Permission.
*
*/

public abstract String getActions();

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

public PermissionCollection newPermissionCollection() {
    return null;
}

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

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

return "(" + getName() + "" + name + "" + actions + ")";
}
}
#
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#
# Version

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

# Component Font Mappings
dialog.plain.latin-1=DejaVu LGC Sans
dialog.plain.japanese-x0208=Sazanami Gothic
dialog.plain.korean=Baekmuk Gulim
dialog.plain.chinese-big5=AR PL ShanHeiSun Uni
dialog.plain.chinese-gb18030=AR PL ShanHeiSun Uni
dialog.bold.latin-1=DejaVu LGC Sans Bold
dialog.bold.japanese-x0208=Sazanami Gothic
dialog.bold.korean=Baekmuk Gulim
dialog.bold.chinese-big5=AR PL ShanHeiSun Uni
dialoginput.bold.latin-1=DejaVu LGC Sans Mono Bold
dialoginput.bold.japanese-x0208=Sazanami Gothic
dialoginput.bold.korean=Baekmuk Gulim
dialoginput.bold.chinese-big5=AR PL ShanHeiSun Uni
dialoginput.bold.chinese-gb18030=AR PL ShanHeiSun Uni

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

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

# Search Sequences

sequence.allfonts=latin-1
sequence.allfonts.Big5=chinese-big5,latin-1
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1
sequence.allfonts.EUC-KR=korean,latin-1
sequence.allfonts.GB18030=chinese-gb18030,latin-1
sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

# Font File Names

filename.DejaVu_LGC_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf
filename.DejaVu_LGC_Sans_BOLD=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf
filename.DejaVu_LGC_Sans_OblIQUE=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf
filename.DejaVu_LGC_Sans_BOLD_OblIQUE=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf

filename.DejaVu_LGC_Sans_MONO=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf
filename.DejaVu_LGC_Sans_MONO_BOLD=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf
filename.DejaVu_LGC_Sans_MONO_OblIQUE=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Oblique.ttf
filename.DejaVu_LGC_Sans_MONO_BOLD_OblIQUE=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-BoldOblique.ttf

filename.DejaVu_LGC_Serif=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif.ttf
filename.DejaVu_LGC_Serif_BOLD=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Bold.ttf
filename.DejaVu_LGC_Serif_OblIQUE=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Oblique.ttf
filename.DejaVu_LGC_Serif_BOLD_OblIQUE=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-BoldOblique.ttf

filename.Sazanami_Gothic=/usr/share/fonts/japanese/TrueType/sazanami-gothic.ttf
filename.Sazanami_Mincho=/usr/share/fonts/japanese/TrueType/sazanami-mincho.ttf
filename.AR_PL_ShanHeiSun_Uni=/usr/share/fonts/chinese/TrueType/uming.ttf
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import java.util.GregorianCalendar;
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import java.util.TimeZone;

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    private static final String ORACLE_AFTER2012 =
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    private static final String UNICODE =
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 */

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    return String.format(year > 2012 ? ORACLE_AFTER2012 : ORACLE2012, year);
}

static String getUnicodeCopyright() {
    return UNICODE;
}

static String getOpenJDKCopyright() {


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

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

// no instantiation
private CopyrightHeaders() {
}
}

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/**
* import java.rmi.Remote;
* public interface Legal extends Remote {
*/

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 *
 * Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA
 * or visit www.oracle.com if you need additional information or have any
 * questions.
package java.security.acl;

/**
 * This interface represents a permission, such as that used to grant
 * a particular type of access to a resource.
 *
 * @author Satish Dharmaraj
 */
public interface Permission {

    /**
     * Returns true if the object passed matches the permission represented
     * in this interface.
     *
     * @param another the Permission object to compare with.
     *
     * @return true if the Permission objects are equal, false otherwise
     */
    public boolean equals(Object another);

    /**
     * Prints a string representation of this permission.
     *
     * @return the string representation of the permission.
     */
    public String toString();

}
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}
public CopyingResponse(EchoRequest request) {
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}

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* Alex Grnholm
* Alice Bevan-McGregor
* Arfrever Frehtes Taifersar Arahesis
* Christophe Combelles
* Daniel Stutzbach
* Daniel Holth
* Dirley Rodrigues
* Donald Stuft
* Grigory Petrov
* Hanno Schlichting
* Jannis Leidel
* Jason R. Coombs
* Jim Fulton
* Jonathan Lange
* Justin Azoff
* Lennart Regebro
* Marc Abramowitz
* Martin von Lwis
* Noufal Ibrahim
* Pete Hollobon
* Phillip J. Eby
* Philip Jenvey
* Philip Thiem
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Public License instead of this License. But first, please read
From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP
(8.6.10+cwru/CWRU-2.1-ins)
id MAA08685; Thu, 25 May 1995 12:19:05-0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
id MAA11299; Thu, 25 May 1995 12:19:00-0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com by cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-init/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)
From spcecdt@armory.com Wed May 10 10:21:11 1995
Flags: 10
Return-Path: spcecdt@armory.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP
(8.6.10+cwru/CWRU-2.1-ins)
id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcecdt@armory.com for <chet@odin.INS.CWRU.Edu>)
Received: from deepthought.armory.com (mmdf@deepthought.armory.com [192.122.209.42]) by po.cwru.edu with
SMTP (8.6.10+cwru/CWRU-2.3)
id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcecdt@armory.com for <chet@po.cwru.edu>)
From: John DuBois <spcecdt@armory.com>
Date: Tue, 9 May 1995 22:33:12 -0700
In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>
   "ksh scripts" (May 9, 1:36pm)
X-Www: http://www.armory.com/~spcecdt/
X-Mailer: Mail User's Shell (7.2.5 10/14/92)
Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site a while back. I'd like your permission to include modified versions of some of them in the next major bash distribution (with proper credit given, of course). Is it OK if I do that?

Chet Ramey

``The lyf so short, the craft so long to lerne.''' - Chaucer

Chet Ramey, Case Western Reserve University
Internet: chet@po.CWRU.Edu

-- End of excerpt from Chet Ramey

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From mikel@ora.com Tue Aug 1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP (8.6.12+cwru/CWRU-2.1-ins)
  id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)
Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995 12:07:51 -0400
Received: by los.ora.com (4.1/Spike-2.1)
  id AA00672; Tue, 1 Aug 95 08:57:32 EDT
Date: Tue, 1 Aug 95 08:57:32 EDT
From: mikel@ora.com (Michael Loukides)
Message-Id: <9508011257.AA00672@los.ora.com>
Subject: Re: Ksh debugger from Rosenblatt's book [for bash]
To: Chet Ramey <chet@odin.INS.CWRU.Edu>
Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com
In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger
to work with bash-2.0. Does ORA have any problem with me distributing
it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and
stick it in our ftp archive, and put a reference to it in the book.
(Too late to actually discuss the thing, at least for this edition).

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1.303 springfox-schema 2.8.0

1.304 spring-boot-starter-tomcat 2.0.4

1.305 pycurl 7.19.0-19.el7
1.305.1 Available under license:
GNU LESSER GENERAL PUBLIC LICENSE
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- `analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`
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1.321 libcap-ng 0.7.5 4.el7

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

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

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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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1.329 gettext 2.1.7

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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.

```
(one line to give the program's name and a brief idea of what it does.)
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Also add information on how to contact you by electronic and paper mail.

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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 smallexample

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

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ``copyright disclaimer'' for the program, if necessary. Here is a sample; alter the names:
@example
Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.
@end example

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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.

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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.)

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

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

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

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

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1.334 libseccomp 2.8.1-3.el7_5.1

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1.342 crontabs 1.11 6.20121102git.el7

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1.347 man-db 1.22.2 8.el7

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- DRuntime: Runtime Library for the D Programming Language

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@item
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@c man end

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

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

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

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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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uses the Library", as object code and/or source code, so that the
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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1.350 saaj 1.8

1.351 keyutils 1.5.8 3.el7

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1.353 perl-time-hires 1.9725-3.el7

1.354 classworlds 1.1-alpha-2
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JUnit test library (junit-4.*.jar) & JaCoCo (*jacoco*)

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    }
}

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

package java.security.acl;

/**
* This interface represents a permission, such as that used to grant
* a particular type of access to a resource.
*
* @author Satish Dharmaraj
*/
public interface Permission {

/**
 * Returns true if the object passed matches the permission represented
 * in this interface.
 *
 * @param another the Permission object to compare with.
 *
 * @return true if the Permission objects are equal, false otherwise
 */
public boolean equals(Object another);

/**
 * Prints a string representation of this permission.
 *
 * @return the string representation of the permission.
 */
public String toString();
}

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Version 2, June 1991

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

# Component Font Mappings

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

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

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

dialog.bolditalic.latin-1=DejaVu LGC Sans Bold Oblique
dialog.bolditalic.japanese-x0208=Sazanami Gothic
dialog.bolditalic.korean=Baekmuk Gulim
dialog.bolditalic.chinese-big5=AR PL ShanHeiSun Uni
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sansserif.italic.chinese-big5=AR PL ShanHeiSun Uni
sansserif.italic.chinese-gb18030=AR PL ShanHeiSun Uni
monospaced.italic.chinese-big5=AR PL ShanHeiSun Uni
monospaced.italic.chinese-gb18030=AR PL ShanHeiSun Uni
monospaced.bolditalic.latin-1=DejaVu LGC Sans Mono Bold Oblique
monospaced.bolditalic.japanese-x0208=Sazanami Gothic
monospaced.bolditalic.korean=Baekmuk Gulim
monospaced.bolditalic.chinese-big5=AR PL ShanHeiSun Uni
monospaced.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni
dialoginput.plain.latin-1=DejaVu LGC Sans Mono
dialoginput.plain.japanese-x0208=Sazanami Gothic
dialoginput.plain.korean=Baekmuk Gulim
dialoginput.plain.chinese-big5=AR PL ShanHeiSun Uni
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dialoginput.bold.latin-1=DejaVu LGC Sans Mono Bold
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dialoginput.bold.chinese-big5=AR PL ShanHeiSun Uni
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dialoginput.bolditalic.latin-1=DejaVu LGC Sans Mono Bold Oblique
dialoginput.bolditalic.japanese-x0208=Sazanami Gothic
dialoginput.bolditalic.korean=Baekmuk Gulim
dialoginput.bolditalic.chinese-big5=AR PL ShanHeiSun Uni
dialoginput.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni

# Search Sequences

sequence.allfonts=latin-1
sequence.allfonts.Big5=chinese-big5,latin-1
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1
sequence.allfonts.EUC-KR=korean,latin-1
sequence.allfonts.GB18030=chinese-gb18030,latin-1
sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

# Font File Names

filename.DejaVu_LGC_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf
filename.DejaVu_LGC_Sans_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf
filename.DejaVu_LGC_Sans_Obllique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf

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

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    ;

    private static final String ORACLE_AFTER2012 =
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 * questions.
 */
"
;

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

static String getUnicodeCopyright() {
    return UNICODE;
}

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

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

    // no instantiation
    private CopyrightHeaders() {
    }
    }
}

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 */
package java.security;

/**
 * Abstract class for representing access to a system resource.
 * All permissions have a name (whose interpretation depends on the subclass),
 * as well as abstract functions for defining the semantics of the
 * particular Permission subclass.
 *
 * <p>Most Permission objects also include an "actions" list that tells the actions
 * that are permitted for the object. For example,
 * for a [@code java.io.FilePermission] object, the permission name is
 * the pathname of a file (or directory), and the actions list
 * (such as "read, write") specifies which actions are granted for the
 * specified file (or for files in the specified directory).
 * The actions list is optional for Permission objects, such as
 * [@code java.lang.RuntimePermission],
 * that don't need such a list; you either have the named permission (such
 * as "system.exit") or you don't.
 *
 * <p>An important method that must be implemented by each subclass is
 * the [@code implies] method to compare Permissions. Basically,
 * "permission p1 implies permission p2" means that
 * if one is granted permission p1, one is naturally granted permission p2.
 * Thus, this is not an equality test, but rather more of a
 * subset test.
 *
 * <p>Permission objects are similar to String objects in that they
 * are immutable once they have been created. Subclasses should not
 * provide methods that can change the state of a permission
 * once it has been created.
 *
 * @see Permissions
 * @see PermissionCollection
 */
public abstract class Permission implements Guard, java.io.Serializable {

    private static final long serialVersionUID = -563657022231596674L;

    private String name;

    /**
     * Constructs a permission with the specified name.
     *
     * @param name name of the Permission object being created.
     *
     */
    public Permission(String name) {
        this.name = name;
    }

    /**
     * Implements the guard interface for a permission. The
     * [{@code SecurityManager.checkPermission} method is called,
     * passing this permission object as the permission to check.
     * Returns silently if access is granted. Otherwise, throws
     * a SecurityException.
     *
     * @param object the object being guarded (currently ignored).
     *
     * @throws SecurityException
     *        if a security manager exists and its
     *        [{@code checkPermission} method doesn't allow access.
     *
     * @see Guard
     * @see GuardedObject
     * @see SecurityManager#checkPermission
     *
     */
    public void checkGuard(Object object) throws SecurityException {
        SecurityManager sm = System.getSecurityManager();
        if (sm != null) sm.checkPermission(this);
    }

    /**
     * Checks if the specified permission's actions are "implied by"
     * this object's actions.
     *
     */
}
This must be implemented by subclasses of Permission, as they are the only ones that can impose semantics on a Permission object.

<p>The <code>implies</code> method is used by the AccessController to determine whether or not a requested permission is implied by another permission that is known to be valid in the current execution context.

@param permission the permission to check against.

@return true if the specified permission is implied by this object, false if not.

public abstract boolean implies(Permission permission);

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

public abstract boolean equals(Object obj);

/**
 * Returns the hash code value for this Permission object.
 * <p>
 * The required <code>hashCode</code> behavior for Permission Objects is the following:
 * 
 * <ul>
 * <li>Whenever it is invoked on the same Permission object more than once during an execution of a Java application, the <code>hashCode</code> method must consistently return the same integer. This integer need not remain consistent from one execution of an application to another execution of the same application.
 * 
 * <li>If two Permission objects are equal according to the <code>equals</code> method, then calling the <code>hashCode</code> method on each of the two Permission objects must produce the same integer result.
 * 
 * @return a hash code value for this object.
 */
public abstract int hashCode();

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

public final String getName() {
    return name;
}

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

public abstract String getActions();

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

/**
* Returns a string describing this Permission. The convention is to
* specify the class name, the permission name, and the actions in
* the following format: '("ClassName" "name" "actions")', or
* '("ClassName" "name")' if actions list is null or empty.
* @return information about this Permission.
*/
public String toString() {
    String actions = getActions();
    if ((actions == null) || (actions.length() == 0)) { // OPTIONAL
        return "(" + getClass().getName() + " " + name + ")";
    } else {
        return "(" + getClass().getName() + " " + name + ") " + actions + ")";
    }
}

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public interface Legal extends Remote {};

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

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1.372 javax-annotation-api 1.3.2

1.373 pcre 8.32 17.el7
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***********************************************************

Written by: Philip Hazel
Email local part: ph10
PCRE JUST-IN-TIME COMPILATION SUPPORT
-------------------------------------
Written by:       Zoltan Herczeg
Email local part: hzmester
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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
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

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

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

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
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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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/* nicstar.c v0.22  Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
 * expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
 *
 * Implementing minimal-copy of received data:
 * IDT always receives data into a small buffer, then large buffers
 * as needed. This means that data must always be copied to create
 * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 * Fix is simple: make large buffers large enough to hold entire
 * SDU, and leave <small_buffer_data> bytes empty at the start. Then
 * copy small buffer contents to head of large buffer.
 * Trick is to avoid fragmenting Linux, due to need for a lot of large
 * buffers. This is done by 2 things:
 * 1) skb->destructor / skb->atm.recycle_buffer
 * combined, allow nicstar_free_rx_skb to be called to
 * recycle large data buffers
 * 2) skb_clone of received buffers
 * See nicstar_free_rx_skb and linearize_buffer for implementation
 * details.
 *
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* M. Welsh, 6 July 1996
*
*/*/  

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for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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Dennis Noermann <dennis.noermann@noernet.de>
Felix Domke <smbinc@elitedvb.net>
Florian Schirmer <jolt@tuxbox.org>
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for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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Contributors to bttv:

Michael Chu <mmchu@pobox.com>
AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.ukuu.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch
Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>
Radio card (ITT sound processor)

bigfoot <bigfoot@net-way.net>
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1.387 curvesapi 1.06

1.388 pcre 2.56.1-5.el7

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1.394 nginx 1.14.2-1.el7_4.ngx

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 * questions.
 */

package java.security.acl;

/**
 * This interface represents a permission, such as that used to grant
 * a particular type of access to a resource.
 * 
 * @author Satish Dharmaraj
 */
public interface Permission {

/**
 * Returns true if the object passed matches the permission represented
 * in this interface.
 * 
 * @param another the Permission object to compare with.
 * 
 * @return true if the Permission objects are equal, false otherwise
 */

public boolean equals(Object another);

/**
 * Prints a string representation of this permission.
 * @return the string representation of the permission.
 */
public String toString();
dialoginput.plain.latin-1=DejaVu LGC Sans Mono
dialoginput.plain.japanese-x0208=Sazanami Gothic
dialoginput.plain.korean=Baekmuk Gulim
dialoginput.plain.chinese-big5=AR PL ShanHeiSun Uni
dialoginput.plain.chinese-gb18030=AR PL ShanHeiSun Uni

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

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

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

# Search Sequences

sequence.allfonts=latin-1
sequence.allfonts.Big5=chinese-big5,latin-1
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1
sequence.allfonts.EUC-KR=korean,latin-1
sequence.allfonts.GB18030=chinese-gb18030,latin-1
sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

# Font File Names

filename.DejaVu_LGC_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf
filename.DejaVu_LGC_Sans_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf
filename.DejaVu_LGC_Sans_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf
filename.DejaVu_LGC_Sans_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf
filename.DejaVu_LGC_Sans_Mono=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf
filename.DejaVu_LGC_Sans_Mono_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf
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filename.Sazanami_Gothic=/usr/share/fonts/japanese/TrueType/sazanami-gothic.ttf
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1998-05-11
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public class CopyingResponse extends EchoResponse {

    public CopyingResponse() {}

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

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

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    ;

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 * questions.
 * */
"

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

static String getUnicodeCopyright() {
    return UNICODE;
}

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

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

// no instantiation
private CopyrightHeaders() {
}
}

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David Megginson
david@megginson.com
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 * questions.
 */

package java.security;

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

An important method that must be implemented by each subclass is
the { @code implies } method to compare Permissions. Basically,
"permission p1 implies permission p2" means that
if one is granted permission p1, one is naturally granted permission p2.
Thus, this is not an equality test, but rather more of a
subset test.

Permission objects are similar to String objects in that they
are immutable once they have been created. Subclasses should not
provide methods that can change the state of a permission
once it has been created.

@see Permissions
@see PermissionCollection

@author Marianne Mueller
@author Roland Schmeres

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

private static final long serialVersionUID = -5636570222231596674L;

private String name;

/**
 * Constructs a permission with the specified name.
 * @param name name of the Permission object being created.
 */

public Permission(String name) {
    this.name = name;
}

/**
 * Implements the guard interface for a permission. The
 * { @code SecurityManager.checkPermission } method is called,
public abstract boolean implies(Permission permission);

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

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

public abstract int hashCode();

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

public final String getName() {
    return name;
}

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

public abstract String getActions();

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

public PermissionCollection newPermissionCollection() {
    return null;
}

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

public String toString() {
    String actions = getActions();
    if ((actions == null) || (actions.length() == 0)) { // OPTIONAL
        return "(" + getClass().getName() + " " + name + "")";
    } else {
        return "(" + getClass().getName() + " " + name + " " + actions + ")";
    }
}
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1.399 libxfont 7.5 21.el7

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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The original XML Schemas for Java EE Deployment Descriptors:
- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd

may be obtained from:

1.410 centos-release-virt-common 1-1.el7.centos

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