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Version 2.1, February 1999

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1.7 Activation 1.1 1.1

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The actual DOM Java Language Binding classes in xml-commons came from:
http://www.w3.org/TR/2000/REC-DOM-Level-2-Core-20001113/java-binding.html
The original versions are tagged 'DOM_LEVEL_2'

The specification of DOM Level 2's various parts is at:
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1.44 are-we-there-yet 1.0.5

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1.45 argparse 1.2.1

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

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (see http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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1.76 atmel-firmware 1.3 :7.el6

1.76.1 Available under license:

Firmware loader for Atmel at76c502 at76c504 and at76c506 wireless cards.

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1.83 avahi 0.6.25 :15.el6

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That's all there is to it!

#!/bin/sh

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#
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set -e

# Command line arguments:
# $1 event that happened:
# BIND: Successfully claimed address
# CONFLICT: An IP address conflict happened
# UNBIND: The IP address is no longer needed
# STOP: The daemon is terminating
# $2 interface name
# $3 IP address

# We have the BSD ifconfig tool

case "$1" in
BIND)
  ifconfig "$2" "$3"/16
;;
CONFLICT|STOP|UNBIND)
  ifconfig "$2" "$3"/16 delete
  ;;

*)
  echo "Unknown event $1" >&2
  exit 1
  ;;
esac

exit 0

1.84 avaje-ebeanorm 3.3.4

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Version 2.1, February 1999

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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+cwrn/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).
-------

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+cwrn/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+cwrn/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)
To: chet@po.cwru.edu
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 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>
>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. :-)

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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 3a0982da308228d796df3f98d787c5c9f2bb5b6.

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_handler, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

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

vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

1.113 bindings 1.2.1

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

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@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]j0 & 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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1.118 blob 0.0.4

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1.119 block-stream 0.0.8

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1.122 body-parser 1.14.2

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1.123 bonecp 0.8.0.RELEASE

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1.126 bootstrap-colorpicker.js 2.1.1

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1.127 bootstrap-datepicker.js n/a
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1.129 bootstrap-tagsinput.min.js 0.5

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1.130 bootstrap-timepicker.js 0.2.6

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1.133 braces 1.8.3

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1.134 browser-sync 2.11.1

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1.135 browser-sync-client 2.4.1

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1.136 browser-sync-ui 0.5.18

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1.137 bs-recipes 1.1.0

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1.138 btrace-agent 1.2.3

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception,
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normally distributed (in either source or binary form) with the major
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which the executable runs, unless that component itself accompanies
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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

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## Special Recognition ##

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

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

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

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

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

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Maintainer: Scott Moser <scott.moser@canonical.com>
Source: https://launchpad.net/cloud-init

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains
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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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

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

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1.225.1 Available under license:

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

----------

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

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

Attachments: Message as HTML

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

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

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysfinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=20
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> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
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> clarification of the licensing that was already in place.

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unlike the old license, GPL-2 prevents people from using cracklib unless th=
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applications are also GPL-2 which imo is just wrong. it isnt the place of =
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library to dictact to application writes what license they should be using.=
20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
directly
> > and see if he wants to relicense his code as LGPL... but at this
> point,
> > it was enough to just get it consistent and documented as to what
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> unless their
> > applications are also GPL-2 which imo is just wrong. it isn't the
> place of a
> > library to dictate to application writes what license they should
> be using.
> > thus LGPL-2.1 enters to fill this void.
> -mike

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

I am sympathetic. Guys, what do you reckon?

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

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

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

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

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

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

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

Cheers,

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

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
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> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.
> > >
> > I am sympathetic. Guys, what do you reckon?
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> >
> > My apologies for not chiming in in anything resembling a reasonable
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> >
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> > GPL to use the library, too, which would be sufficient for the packages
> > which are included in Fedora. FWIW, I'd personally lean toward LGPL.
> >
> > In any case, I thank you both for working on sorting this out.

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

-mike

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

yes. go for it. thanks++

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

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

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

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

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

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

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

-------------------------------------
From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43) by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47]) by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self contained would be ideal.

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

Happy now? :-)

-a
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Version 2.1, February 1999

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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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distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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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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a) Accompany the work with the complete corresponding 
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    changes were used in the work (which must be distributed under 
    Sections 1 and 2 above); and, if the work is an executable linked 
    with the Library, with the complete machine-readable "work that 
    uses the Library", as object code and/or source code, so that the 
    user can modify the Library and then relink to produce a modified 
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    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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which the executable runs, unless that component itself accompanies 
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^L
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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

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

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

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

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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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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.

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

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

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

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

=2Dmike

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

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

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

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

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
Unlike the old license, GPL-2 prevents people from using cracklib unless their applications are also GPL-2 which IMO is just wrong. It isn't the place of a library to dictate to application writers what license they should be using. Thus LGPL-2.1 enters to fill this void.

--mike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec
directly
> and see if he wants to relicense his code as LGPL... but at this
point,
> it was enough to just get it consistent and documented as to what
it was
> released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.
the original license (before moving to sourceforge -- aka, 2.7) was
not
> GPL-2 ... it was a modified artistic license ... i didnt notice the
> license
> change until it was mentioned in the latest notes.
>=20
> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isn't the
> place of a
> library to dictate to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

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

I am sympathetic. Guys, what do you reckon?

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

-a

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

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

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

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

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

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

Cheers,

Nalin

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

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

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

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

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

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

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

yes. go for it. thanks++

-a

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

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:

>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

yes. go for it. thanks++

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

-mike
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])
   for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
   by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
   for <nneul@neulinger.org>; Mon, 01 Oct 2007 16:59:49 +0000
id HiOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd71059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd71059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=fixed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEB6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>

> ---------- Forwarded message ----------
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

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

Happy now? :-)

-a

1.226 crash 1.3.1
1.226.1 Available under license:

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Version 2.1, February 1999

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zlib http://www.gzip.org/zlib/zlib_license.html

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1.234 cvs 1.11.23 :16.el6

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That's all there is to it!
/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.1.4, March 11th, 2002

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

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files ftp://ds.internic.net/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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# Clean up the history file. 10 Record types: MAR OFT WUCG

1.235 cyrus-sasl 2.1.26 :21.el7

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1.236 d3 2.10.2

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1.241 Data Mapper for Jackson 1.9.2

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1.267 dhclient 4.1.1 :34.P1.el6

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Theodore Ts'o
23-June-2007

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

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

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

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

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<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 mouse-clicks or menu items--whatever suits your program.

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

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

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

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

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

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

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

image::$(BSD_LIB)

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

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

install-shlibs-strip: install-shlibs

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

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

- trivial database library - private includes
-
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write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330,
Boston, MA 02111-1307, USA. */
/
* fallocate - utility to use the fallocate system call
*
* Copyright (C) 2008 Red Hat, Inc. All rights reserved.
* Written by Eric Sandeen <sandeen@redhat.com>
*
* cvtnum routine taken from xfsprogs,
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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...
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1.280 e2fsprogs 1.42.9 :11.el7
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Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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Theodore Ts'o
23-June-2007

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

- trivial database library - private includes
-
- Copyright (C) Andrew Tridgell  2005
+ Copyright (C) Andrew Tridgell  1999-2005
+ Copyright (C) Jeremy Allison    2000-2006
+ Copyright (C) Paul 'Rusty' Russell  2000

** NOTE! The following LGPL license applies to the tdb
** library. This does NOT imply that all of Samba is released
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

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

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

image:: $(BSD_LIB)

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

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

install-strip: install

install-shlibs-strip: install-shlibs

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

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

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Gadi Oxman, August 1995

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1.296 emitter-steward 1.0.0

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1.316 expand-range 1.8.1

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1.318 expat_PrintPath 2.1.0 :8.el7

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1.322 extend 3.0.0

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1.328 fastinfoset 1.2.8

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import java.io.InputStream;
import java.io.OutputStream;
public interface EncodingAlgorithm {

    public Object decodeFromBytes(byte[] b, int start, int length) throws EncodingAlgorithmException;

    public Object decodeFromInputStream(InputStream s) throws EncodingAlgorithmException, IOException;

    public void encodeToOutputStream(Object data, OutputStream s) throws EncodingAlgorithmException, IOException;

    public Object convertFromCharacters(char[] ch, int start, int length) throws EncodingAlgorithmException;

    public void convertToCharacters(Object data, StringBuffer s) throws EncodingAlgorithmException;

}

1.329 faye-websocket 0.7.3

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

4. You may copy and distribute the Library (or a portion or
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under the terms of Sections 1 and 2 above provided that you accompany
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
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5. A program that contains no derivative of any portion of the
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However, linking a "work that uses the Library" with the Library
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
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derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
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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 compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

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

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

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

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<signature of Ty Coon>, 1 April 1990
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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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1.369 gcc 4.8.5 :16.el7_4.1

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

HISTORY -

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

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

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

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/* Definitions for BSD assembler syntax for Intel 386 (actually AT&T syntax for insns and operands,
adapted to BSD conventions for symbol names and debugging.)

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<http://www.gnu.org/licenses/>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.s' to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "t.byte"t"
#define ASM_SHORT "t.word"t"
#define ASM_LONG "t.long"t"
#define ASM_QUAD "t.quad"t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "t.space "HOST_WIDE_INT_PRINT_UNSIGNED\n", (SIZE))
/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
(fputs (".comm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u
", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
(fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u
", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
(fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u,%u
", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG)  
if ((LOG)!=0) fprintf ((FILE), 	.align %d
", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)  
sprintf ((BUF), 
*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
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@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@unnumbered GNU General Public License
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medium customarily used for software interchange.

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compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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However, linking a "work that uses the Library" with the Library
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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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

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

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

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

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

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

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There is a license section in the FAQ regarding common questions. If you have more questions, ask the FSF or the gcc mailing list.

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009
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This GCC Runtime Library Exception (“Exception”) is an additional permission under section 7 of the GNU General Public License, version 3 (“GPLv3”). It applies to a given file (the “Runtime Library”) that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

0. Definitions.

A file is an "Independent Module” if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

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"GPL-compatible Software” is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.
A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

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2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC.

@node Library Copying
@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License
@center Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]
@end display

@appendixsubsec Preamble

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

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

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

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a `work based on the library` and a `work that uses the library`. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
@end iftex

@ifinfo

@end ifinfo
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@enumerate a
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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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.)

@item
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@item
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.

@item
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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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.

```
\@smallxample
\@var{one line to give the library's name and an idea of what it does.}
Copyright (C) \@var{year} \@var{name of author}

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

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\@end smallxample

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

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

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

\@var{signature of Ty Coon}, 1 April 1990
That's all there is to it!

#!/usr/bin/python
#
# Copyright (C) 2013 Free Software Foundation, Inc.
#
# This script is free software; you can redistribute it and/or modify
# it under the terms of the GNU General Public License as published by
# the Free Software Foundation; either version 3, or (at your option)
# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
#   Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
# update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
# update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):
        self.num_errors = 0

    def report(self, filename, string):
        if filename:
            string = filename + ': ' + string
        sys.stderr.write(string + '
')
        self.num_errors += 1

    def ok(self):
        return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set(['
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

            # Skip auto- and libtool-related files
            'aclocal.m4',
            'compile',
            'config.guess',
            'config.sub',
            'depcomp',
            'install-sh',
            'libtool.m4',
            'ltmain.sh',
            'ltoptions.m4',
        ''])
def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('\t')

    return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True

    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists (base + '.am'):
            return True

    # Skip files produced by autogen
    if (os.path.exists (base + '.def')
        and os.path.exists (base + '.tpl')):
        return True

    # Skip configure files produced by autoconf
    if filename == 'configure':
if os.path.exists (base + '.ac'):
    return True
if os.path.exists (base + '.in'):
    return True
return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years.  Include '.' for typos.
        ranges = '[0-9-]?[-0-9,.\s][\s+and\s+]*[0-9-]'

        # Non-whitespace characters in a copyright holder's name.
        name = '[\w.,-]'

        # Matches one year.
        self.year_re = re.compile ('[0-9-]+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)

        # Matches a full copyright notice:
        self.copyright_re = re.compile (  
            # 1: 'Copyright (C)', etc.
            '([Cc]opyright'  
            '([Cc]opyrights+\([Cc]\))'  
            '([Cc]opyrights+%s'  
            '([Cc]opyrights+&copy;'  
            '([Cc]opyrights+@copyright\[]'  
            '@set\s+copyright\w-[+]')  

        # 2: the years.  Include the whitespace in the year, so that
# we can remove any excess.
'(\sis(?::: + ranges + \s::)?
\s@value\{[^{}]*\}\s*)'

# 3: 'by ', if used
'(by\s+)?'

# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
'(\s+ name +(?::?\s+ name +\s+))?')

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile('copyright.*[0-9][0-9]',
    re.IGNORECASE)

self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')
self.holders = { '@copying': '@copying' }
self.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ', '.
self.separator = ','

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (' ')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year
def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
    elif len (string) == 4:
        return year
    raise self.BadYear (string)

def year_range (self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith ('@value '):
        return years
    (min_year, max_year) = self.year_range (years)
    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)
    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
holder = match.group(4)
return (holder
    and (holder not in self.holder_prefixes
         or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join(dir, filename)

    intro = match.group(1)
    if intro.startswith('@set '):
        # Texinfo year variables should always be on one line
        after_years = line[match.end(2):].strip()
        if after_years != ':
            self.errors.report(pathname,
                'trailing characters in @set: '
                + after_years)
            return (False, orig_line, next_line)
    else:
        # If it looks like the copyright is incomplete, add the next line.
        while not self.is_complete(match):
            try:
                next_line = file.next()
            except StopIteration:
                break

            # If the next line doesn't look like a proper continuation,
            # assume that what we've got is complete.
            continuation = self.strip_continuation(next_line)
            if not self.continuation_re.match(continuation):
                break

        # Merge the lines for matching purposes.
        orig_line += next_line
        line = line.rstrip() + ' ' + continuation
        next_line = None

        # Rematch with the longer line, at the original position.
        match = self.copyright_re.match(line, match.start())
        assert match

        holder = match.group(4)

        # Use the filter to test cases where markup is getting in the way.
        if filter.by_package_author(dir, filename):
            assert holder not in self.holders
elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report (pathname,
                        'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
        return (False, orig_line, next_line)

    line = (line[:match.start (2)]
            + ' ' + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)'
    elif intro.endswith ('(c)'):
        intro = intro[:-3] + '(C)'
    line = line[:match.start (1)] + intro + line[match.end (1):]

    # Strip trailing whitespace
    line = line.rstrip() + '

    return (line != orig_line, line, next_line)
def process_file(self, dir, filename, filter):
    pathname = os.path.join(dir, filename)
    if filename.endswith('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove(pathname)
        except OSError:
            pass
        return
        
    lines = []
    changed = False
    line_filter = filter.get_line_filter(dir, filename)
    with open(pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match(line)):
                    match = self.copyright_re.search(line)
                    if match:
                        res = self.update_copyright(dir, filename, filter,
                                    file, line, match)
                        (this_changed, line, next_line) = res
                        changed = changed or this_changed
                    # Check for copyright lines that might have slipped by.
                elif self.other_copyright_re.search(line):
                    self.errors.report(pathname,
                        'unrecognised copyright: %s'
                        % line.strip())
                    lines.append(line)
                line = next_line
            prev = line
        
        # If something changed, write the new file out.
        if changed and self.errors.ok():
            tmp_pathname = pathname + '.tmp'
            with open(tmp_pathname, 'w') as file:
                for line in lines:
                    file.write(line)
            if self.use_quilt:
                subprocess.call(['quilt', 'add', pathname])
                os.rename(tmp_pathname, pathname)

def process_tree(self, tree, filter):
    for (dir, subdirs, filenames) in os.walk(tree):
        # Don't recurse through directories that should be skipped.
        for filename in filenames:
            process_file(self, dir, filename, filter)
for i in xrange(len(subdirs) - 1, -1, -1):
    if filter.skip_dir(dir, subdirs[i]):
        del subdirs[i]

# Handle the files in this directory.
for filename in filenames:
    if filter.skip_file(dir, filename):
        sys.stdout.write('Skipping %s

          % os.path.join(dir, filename))
    else:
        self.process_file(dir, filename, filter)

class CmdLine:
    def __init__(self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright(self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option('--help', 'Print this help', self.o_help)
        self.add_option('--quilt', """quilt add" files before changing them",
                       self.o_quilt)
        self.add_option('--this-year', 'Add the current year to every notice',
                       self.o_this_year)

    def add_option(self, name, help, handler):
        self.option_help.append((name, help))
        self.option_handlers[name] = handler

    def add_dir(self, dir, filter = GenericFilter()):
        self.dirs.append((dir, filter))

    def o_help(self, option = None):
        sys.stdout.write('Usage: %s [options] dir1 dir2...

        Options:
')
        format = '%-15s %s

        for (what, help) in self.option_help:
            sys.stdout.write(format % (what, help))

        sys.stdout.write('Directories:
')
        format = '%-25s

        i = 0
        for (dir, filter) in self.dirs:
            i += 1
            if i % 3 == 0 or i == len(self.dirs):
sys.stdout.write (dir + '\n')
else:
    sys.stdout.write (format % dir)
sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
if self.errors.ok():
    if len (self.chosen_dirs) == 0:
        self.chosen_dirs = self.default_dirs
    if len (self.chosen_dirs) == 0:
        self.o_help()
    else:
        for chosen_dir in self.chosen_dirs:
            canon_dir = os.path.join (chosen_dir, '')
            count = 0
            for (dir, filter) in self.dirs:
                if (dir + os.sep).startswith (canon_dir):
                    count += 1
                    self.copyright.process_tree (dir, filter)
            if count == 0:
                self.errors.report (None, 'unrecognised directory: '
                                  + chosen_dir)
            sys.exit (0 if self.errors.ok() else 1)

#----------------------------------------------------------------------------------

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
if filename.endswith('.m4'):
    pathname = os.path.join(dir, filename)
    with open(pathname) as file:
        # Skip files imported from gettext.
        if file.readline().find('gettext-') >= 0:
            return True
    return GenericFilter.skip_file(self, dir, filename)

class GCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set(['
            # Not part of GCC
            'math-68881.h',
        ])

        self.skip_dirs |= set(['
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        ])

        self.skip_extensions |= set(['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

        self.fossilised_files |= set(['
            # Old news won't be updated.
            'ONEWS',
        ])

class TestsuiteFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
        ])

def skip_file(self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn't updated.
    if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
        return True
    return GenericFilter.skip_file(self, dir, filename)

class LibCppFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(['
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(['
            # Handled separately.
            'testsuite',

            # Not really part of the library
            'contrib',

            # Imported from upstream
        'java',
    ])

def get_line_filter (self, dir, filename):
    if filename == 'NameDecoder.h':
        return re.compile ('.*NAME_COPYRIGHT')
    if filename == 'ICC_Profile.h':
        return re.compile ('.*icSigCopyrightTag')
    return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ({
            # Handled separately.
            'testsuite',
        })

class LibStdCxxFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set ({
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        })

        self.skip_dirs |= set ({
            # Contains automatically-generated sources.
            'html',

            # The testsuite data files shouldn't be changed.
            'data',

            # Contains imported images
            'images',
        })

        self.own_files |= set ({
            # Contains markup around the copyright owner.
            'spine.xml',
        })

    def get_line_filter (self, dir, filename):
        if filename == 'boost_concept_check.h':
            return re.compile ('// (C) Copyright Jeremy Siek')
return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright(Copyright):
    def __init__(self, errors):
        Copyright.__init__(self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author('Free Software Foundation', canon_fsf)
        self.add_package_author('Free Software Foundation', canon_fsf)
        self.add_package_author('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author('Free Software Foundation, Inc', canon_fsf)
        self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('The Free Software Foundation', canon_fsf)
        self.add_package_author('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('Software Foundation, Inc.', canon_fsf)

        self.add_external_author('ARM')
        self.add_external_author('AdaCore')
        self.add_external_author('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author('Cavium Networks.')
        self.add_external_author('Faraday Technology Corp.')
        self.add_external_author('Florida State University')
        self.add_external_author('Greg Colvin and Beman Dawes.')
        self.add_external_author('Hewlett-Packard Company')
        self.add_external_author('Information Technology Industry Council.')
        self.add_external_author('James Theiler, Brian Gough')
        self.add_external_author('Makoto Matsumoto and Takuji Nishimura,')
        self.add_external_author('National Research Council of Canada.')
        self.add_external_author('Peter Dimov and Multi Media Ltd.')
        self.add_external_author('Peter Dimov')
        self.add_external_author('Pipeline Associates, Inc.')
        self.add_external_author('Regents of the University of California.')
        self.add_external_author('Silicon Graphics Computer Systems, Inc.')
        self.add_external_author('Silicon Graphics')
        self.add_external_author('Stephen L. Moshier')
        self.add_external_author('Sun Microsystems, Inc. All rights reserved.')
        self.add_external_author('The Go Authors. All rights reserved.')
        self.add_external_author('The Go Authors. All rights reserved.')
        self.add_external_author('The Regents of the University of California.')
        self.add_external_author('University of Toronto.')

    class GCCCmdLine(CmdLine):
        def __init__(self):
            CmdLine.__init__(self, GCCCopyright)

            self.add_dir('.', TopLevelFilter())
# boehm-gc is imported from upstream.
self.add_dir('config', ConfigFilter())

# contrib isn't really part of GCC.
self.add_dir('fixincludes')
self.add_dir('gcc', GCCFilter())
self.add_dir(os.path.join('gcc', 'testsuite'), TestsuiteFilter())
self.add_dir('gnatools')
self.add_dir('include')
self.add_dir('libada')
self.add_dir('libatomic')
self.add_dir('libbacktrace')
self.add_dir('libcpp', LibCppFilter())
self.add_dir('libdecnumber')

# libffi is imported from upstream.
self.add_dir('libgcc', LibGCCFilter())
self.add_dir('libgfortran')
self.add_dir('libgomp')
self.add_dir('libiberty')
self.add_dir('libitm')
self.add_dir('libjava', LibJavaFilter())
self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
self.add_dir('libmudflap', LibMudflapFilter())
self.add_dir(os.path.join('libmudflap', 'testsuite'), TestsuiteFilter())
self.add_dir('libobjc')
self.add_dir('libquadmath')

# libsanitiser is imported from upstream.
self.add_dir('libssp')
self.add_dir('libstdc++-v3', LibStdCxxFilter())
self.add_dir('lto-plugin')

# zlib is imported from upstream.
self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libiberty',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]
GCCCmdLine().main()
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import java.util.Map;
import com.sun.tools.doclets.Taglet;
import com.sun.javadoc.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }

    public boolean inField() {
        return true;
    }

    public boolean inConstructor() {
        return true;
    }

    public boolean inMethod() {
        return true;
    }

    public boolean inOverview() {
        return true;
    }

    public boolean inPackage() {
        return true;
    }

    public boolean inType() {
        return true;
    }

    public boolean isInlineTag() {
        return false;
    }

    public static void register(Map tagletMap) {
        CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
        tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
    }
}
public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    }
    else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
        if (haveValidTag) {
            StringBuffer result = new StringBuffer();
            result.append("<dl>");
            for (int i = 0; i < tags.length; i++) {
                if (tags[i].text().length() > 0) {
                    result.append("<dt><i>Copyright ©" + tags[i].text() + "</dt>");
                }
            }
            result.append("</dl>");
            return result.toString();
        }
        else {
            return null;
        }
    }
}
/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 * *
 * <p>The most important method in this class is <code>implies</code>. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
 * "Read All Files" implies that the caller has permission to read the
 * file foo.
public abstract class Permission implements Guard, Serializable {

    private static final long serialVersionUID = -5636570222231596674L;

    private String name;

    public Permission(String name) {
        this.name = name;
    }

    public void checkGuard(Object obj) {
        // This method implements the <code>Guard</code> interface for this class.
    }
}
SecurityManager sm = System.getSecurityManager();
if (sm != null)
    sm.checkPermission(this);

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 *
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 *
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 *
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 *
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
 * "read,write".
 *
* @return the action list for this `<code>Permission</code>`
*/
public abstract String getActions();

/**
 * This method returns an empty `<code>PermissionCollection</code>` object
 * that can store permissions of this type, or `<code>null</code>` if no
 * such collection is defined. Subclasses must override this to provide
 * an appropriate collection when one is needed to accurately calculate
 * `<code>implies</code>`.
 *
 * @return a new `<code>PermissionCollection</code>`
 */
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
 * This method returns a `<code>String</code>` representation of this
 * `<code>Permission</code>` object. This is in the format:
 * `<code>'(' + getClass().getName() + ' ' + getName() + ' ' + getActions
 * + '+ ' + getActions() + '+ ' + getActions
 * + ')'</code>.
 *
 * @return this object as a `<code>String</code>`
 */
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }
    string = string.append(')');
    return string.toString();
}
} // class Permission

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package java.security.acl;

/**
 * This interface provides information about a permission that can be granted. Note that this is not the same as the class
 * java.security.Permission.
 *
 * @version 0.0
 *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */

public interface Permission
{
/**

* This method tests whether or not a specified <code>Permission</code> (passed as an <code>Object</code>) is the same as this permission.
*
* @param perm The permission to check for equality
*
* @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
*/

boolean equals (Object perm);

/**
* This method returns this <code>Permission</code> as a <code>String</code>.
*
* @return A <code>String</code> representing this permission.
*/

String toString();

} 

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

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

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

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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
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1.379 geronimo-stax-api 1.0.1 :1.0

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@end enumerate

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

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.
If distribution of executable or 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 counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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@ifinfo
@center END OF TERMS AND CONDITIONS
@end ifinfo

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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.

```
@smallexample
@var{one line to give the program's name and a brief idea of what it does.}
Copyright (C) @var{yyyy}  @var{name of author}

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@end smallexample

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

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

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

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

@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example

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@unnumberedsubsec Preamble

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

We call this license the \textit{Lesser} General Public License because it does \textbf{less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers \textbf{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 \textit{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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The ``Library'', below, refers to any such software library or work which has been distributed under these terms. A ``work based on the Library'' means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification''.)

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

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You must cause the files modified to carry prominent notices
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You must cause the whole of the work to be licensed at no
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in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If
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entire whole, and thus to each and every part regardless of who wrote
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Thus, it is not the intent of this section to claim rights or contest
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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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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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

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
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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.

@item
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@end enumerate

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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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1.383 giflib 4.1.6 :3.1.el6

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1 {'

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Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.
Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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

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

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

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

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.
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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

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

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

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

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

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

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

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

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

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

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

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

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

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

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

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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

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

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

   b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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END OF TERMS AND CONDITIONS
Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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

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

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You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

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

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

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

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

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@subheading Preamble

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This license, the Lesser General Public License, applies to some specially designated software---typically libraries---of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.
When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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

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

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

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

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

We call this license the @dfn{Lesser} General Public License because it does @emph{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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Lesser General Public License (also called `this License`). Each licensee is addressed as `you`.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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1.403 globalize-min.js 0.1.0

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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
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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
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src/devices/xditview/gxditview.man
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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
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   tmac/groff_mdoc.man

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   tmac/e.tmac
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   doc/meintro.me
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. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of
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   ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

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Maven Ant Tasks
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$Id: LICENSE.txt,v 1.1.1.1 2004/07/01 13:59:13 jvanzyl Exp$

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The primary ANTLR guy:

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1.422 grub2 2.02 :0.65.el7.centos.2
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From 0df1a50e41fb12fbeb6709575e5f12d64ed73b66 Mon Sep 17 00:00:00 2001
From: Stephane Rochoy <sheda>
Date: Sun, 22 Jun 2014 01:35:52 +0200
Subject: [PATCH 085/260] * grub-core/loader/i386/bsd.c (grub_netbsd_boot):
 Pass pointer to EFI system table.

---
ChangeLog | 5 +++++
grub-core/loader/i386/bsd.c | 8 ++++++++ include/grub/i386/netbsd_bootinfo.h | 7 ++++++
3 files changed, 20 insertions(+)

diff --git a/ChangeLog b/ChangeLog
index abf8f4b27..0cdd095a4 100644
--- a/ChangeLog
+++ b/ChangeLog
@@ -1,5 +1,10 @@
2014-06-21 Stephane Rochoy <sheda>

+* grub-core/loader/i386/bsd.c (grub_netbsd_boot): Pass pointer to
+EFI system table.
+
+2014-06-21 Stephane Rochoy <sheda>
+
+* grub-core/commands/efi/lsefisystab.c (grub_cmd_lsefisystab): Show
EFI system table physical address.

diff --git a/grub-core/loader/i386/bsd.c b/grub-core/loader/i386/bsd.c
index 41ef9109e..8f691e0e2 100644
--- a/grub-core/loader/i386/bsd.c
+++ b/grub-core/loader/i386/bsd.c
@@ -1145,6 +1145,14 @@ grub_netbsd_boot (void)
    if (err)
        return err;

+#ifdef GRUB_MACHINE_EFI
+    err = grub_bsd_add_meta (NETBSD_BTINFO_EFI,
+                            &grub_efi_system_table,
+                            sizeof (grub_efi_system_table));
+    if (err)
+        return err;
+#endif
+
{  
    struct bsd_tag *tag;
    tag_buf_len = 0;
diff --git a/include/grub/i386/netbsd_bootinfo.h b/include/grub/i386/netbsd_bootinfo.h
index e48c19b40..9b4f46041 100644
--- a/include/grub/i386/netbsd_bootinfo.h
+++ b/include/grub/i386/netbsd_bootinfo.h
@@ -58,6 +58,8 @@
 #define NETBSD_BTINFO_BOOTWEDGE		10
 #define NETBSD_BTINFO_MODULES		11
 #define NETBSD_BTINFO_FRAMEBUF		12
+  #define NETBSD_BTINFO_USERCONFCOMMANDS  13
+  #define NETBSD_BTINFO_EFI	        14

 struct grub_netbsd_bootinfo
 {
@@ -146,4 +148,9 @@ struct grub_netbsd_btinfo_framebuf
   #define GRUB_NETBSD_MAX_ROOTDEVICE_LEN 16

+  struct grub_netbsd_btinfo_efi
+  |
+  + void *pa_systbl; /* Physical address of the EFI System Table */
+  +};
+  +
+  #endif
 --
 2.13.0
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*/

package com.google.gson.internal;

import java.lang.reflect.Type;
import java.util.Collections;
import java.util.HashMap;
import java.util.Map;

/**
* Contains static utility methods pertaining to primitive types and their
* corresponding wrapper types.
* 
* @author Kevin Bourrillion
*/
public final class Primitives {
    private Primitives() {}

    /** A map from primitive types to their corresponding wrapper types. */
    private static final Map<Class<?>, Class<?>> PRIMITIVE_TO_WRAPPER_TYPE;

    /** A map from wrapper types to their corresponding primitive types. */
    private static final Map<Class<?>, Class<?>> WRAPPER_TO_PRIMITIVE_TYPE;
// Sad that we can’t use a BiMap. :

static {
    Map<Class<?>, Class<?>> primToWrap = new HashMap<Class<?>, Class<?>>() {
    Map<Class<?>, Class<?>> wrapToPrim = new HashMap<Class<?>, Class<?>>() {

    add(primToWrap, wrapToPrim, boolean.class, Boolean.class);
    add(primToWrap, wrapToPrim, byte.class, Byte.class);
    add(primToWrap, wrapToPrim, char.class, Character.class);
    add(primToWrap, wrapToPrim, double.class, Double.class);
    add(primToWrap, wrapToPrim, float.class, Float.class);
    add(primToWrap, wrapToPrim, int.class, Integer.class);
    add(primToWrap, wrapToPrim, long.class, Long.class);
    add(primToWrap, wrapToPrim, short.class, Short.class);
    add(primToWrap, wrapToPrim, void.class, Void.class);

    PRIMITIVE_TO_WRAPPER_TYPE = Collections.unmodifiableMap(primToWrap);
    WRAPPER_TO_PRIMITIVE_TYPE = Collections.unmodifiableMap(wrapToPrim);

    private static void add(Map<Class<?>, Class<?>> forward, Map<Class<?>, Class<?>> backward, Class<?> key, Class<?> value) {
        forward.put(key, value);
        backward.put(value, key);
    }

    /**
     * Returns true if this type is a primitive.
     */
    public static boolean isPrimitive(Type type) {
        return PRIMITIVE_TO_WRAPPER_TYPE.containsKey(type);
    }

    /**
     * Returns { @code true} if { @code type} is one of the nine
     * primitive-wrapper types, such as { @link Integer}.
     *
     * @see Class#isPrimitive
     */
    public static boolean isWrapperType(Type type) {
        return WRAPPER_TO_PRIMITIVE_TYPE.containsKey($Gson$Preconditions.checkNotNull(type));
    }

    /**
     * Returns the corresponding wrapper type of { @code type} if it is a primitive
     * type; otherwise returns { @code type} itself. Idempotent.
     */

public static <T> Class<T> wrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
    Class<T> wrapped = (Class<T>) PRIMITIVE_TO_WRAPPER_TYPE.get($Gson$Preconditions.checkNotNull(type));
    return (wrapped == null) ? type : wrapped;
}

/**
 * Returns the corresponding primitive type of [code type] if it is a
 * wrapper type; otherwise returns [code type] itself. Idempotent.
 * <pre>
 *     unwrap(Integer.class) == int.class
 *     unwrap(int.class) == int.class
 *     unwrap(String.class) == String.class
 * </pre>
 */
public static <T> Class<T> unwrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
    Class<T> unwrapped = (Class<T>) WRAPPER_TO_PRIMITIVE_TYPE.get($Gson$Preconditions.checkNotNull(type));
    return (unwrapped == null) ? type : unwrapped;
}

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If such an object file uses only numerical parameters, data
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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

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

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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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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
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  and we will maintain full affix file and dictionary
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* Special thanks also go to La'szlo' Ne'meth
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An almost complete rewrite of MySpell for use by the Mozilla project has been developed by David Einstein (Deinst@world.std.com). David and I are now working on parallel development tracks to help our respective projects (Mozilla and OpenOffice.org) and we will maintain full affix file and dictionary file compatibility and work on merging our versions of MySpell back into a single tree. David has been a significant help in improving MySpell.

Special thanks also go to La'szló Ne'meth <nemethl@gyorsposta.hu> who is the author of the Hungarian dictionary and who developed and contributed the code to support compound words in MySpell and fixed numerous problems with the encoding.
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*
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      application-supplied function or table used by this function must
      be optional: if the application does not supply it, the square
      root function must still compute square roots.)

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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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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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2.4.5

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
January 5, 2017
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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
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.

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 = -563657022223159674L;

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

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

public abstract boolean implies(Permission permission);

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

public abstract boolean equals(Object obj);
/**
 * Returns the hash code value for this Permission object.
 * <p>
 * The required <code>hashCode</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>
 * <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.
 * </li>
 * </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</code>,
 * 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 + "")";
    }
}
}
package java.security.acl;

/**
 * This interface represents a permission, such as that used to grant
 * a particular type of access to a resource.
 * 
 * @author Satish Dharmaraj
 */
public interface Permission {

    /**
     * Returns true if the object passed matches the permission represented
     * in this interface.
     * 
     * @param another the Permission object to compare with.
     * 
     * @return true if the Permission objects are equal, false otherwise
     */
    public boolean equals(Object another);

    /**
     * Prints a string representation of this permission.
     */
* 
  * @return the string representation of the permission.
  */
 public String toString();
}

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

# Component Font Mappings

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

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 ShanHeiSunUni
dialog.bold.chinese-gb18030=AR PL ShanHeiSunUni

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 ShanHeiSunUni
dialog.italic.chinese-gb18030=AR PL ShanHeiSunUni

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 ShanHeiSunUni
dialog.bolditalic.chinese-gb18030=AR PL ShanHeiSunUni

sansserif.plain.latin-1=DejaVu LGC Sans
sansserif.plain.japanese-x0208=Sazanami Gothic
Open Source Used In SDWAN Network Hub Release 18.4

sansserif.plain.korean=Baekmuk Gulim
sansserif.plain.chinese-big5=AR PL ShanHeiSun Uni
sansserif.plain.chinese-gb18030=AR PL ShanHeiSun Uni

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

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

serif.plain.latin-1=DejaVu LGC Serif
serif.plain.japanese-x0208=Sazanami Mincho
serif.plain.korean=Baekmuk Batang
serif.plain.chinese-big5=AR PL ZenKai Uni
serif.plain.chinese-gb18030=AR PL ZenKai Uni

serif.bold.latin-1=DejaVu LGC Serif Bold
serif.bold.japanese-x0208=Sazanami Mincho
serif.bold.korean=Baekmuk Batang
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serif.bold.chinese-gb18030=AR PL ZenKai Uni

serif.italic.latin-1=DejaVu LGC Serif Oblique
serif.italic.japanese-x0208=Sazanami Mincho
serif.italic.korean=Baekmuk Batang
serif.italic.chinese-big5=AR PL ZenKai Uni
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serif.bolditalic.latin-1=DejaVu LGC Serif Bold Oblique
serif.bolditalic.japanese-x0208=Sazanami Mincho
serif.bolditalic.korean=Baekmuk Batang
serif.bolditalic.chinese-big5=AR PL ZenKai Uni
serif.bolditalic.chinese-gb18030=AR PL ZenKai Uni
monospaced.plain.latin-1=DejaVu LGC Sans Mono
monospaced.plain.japanese-x0208=Sazanami Gothic
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monospaced.plain.chinese-gb18030=AR PL ShanHeiSun Uni

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monospaced.bolditalic.chinese-big5=AR PL ShanHeiSun Uni
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dialoginput.plain.latin-1=DejaVu LGC Sans Mono
dialoginput.plain.japanese-x0208=Sazanami Gothic
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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,japanese-x0208,korean

# Font File Names

filename.DejaVu_LGC_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf
filename.DejaVu_LGC_Sans_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf
filename.DejaVu_LGC_Sans_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf
filename.DejaVu_LGC_Sans_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf
filename.DejaVu_LGC_Sans_Mono=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf
filename.DejaVu_LGC_Sans_Mono_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf
filename.DejaVu_LGC_Sans_Mono_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Oblique.ttf
filename.DejaVu_LGC_Sans_Mono_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-BoldOblique.ttf
filename.DejaVu_LGC_Serif=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif.ttf
filename.DejaVu_LGC_Serif_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Bold.ttf
filename.DejaVu_LGC_Serif_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Oblique.ttf
filename.DejaVu_LGC_Serif_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-BoldOblique.ttf
filename.Sazanami_Gothic=/usr/share/fonts/japanese/TrueType/sazanami-gothic.ttf
filename.Sazanami_Mincho=/usr/share/fonts/japanese/TrueType/sazanami-mincho.ttf
filename.AR_PL_ShanHeiSun_Uni=/usr/share/fonts/chinese/TrueType/uming.ttf
filename.AR_PL_ZenKai_Uni=/usr/share/fonts/chinese/TrueType/ukai.ttf
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import java.util.Calendar;
import java.util.GregorianCalendar;
import java.util.Locale;
import java.util.TimeZone;

class CopyrightHeaders {
    private static final String ORACLE2012 =
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    private static final String ORACLE_AFTER2012 =
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" *

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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.
" */
private static String OPENJDK_AFTER2012 =
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     * or visit www.oracle.com if you need additional information or have any
     * questions.
     */
"
;
static String getOpenJDKCopyright() {
    int year = getYear();
    return String.format(year > 2012 ? OPENJDK_AFTER2012 : OPENJDK2012, year);
}

static String getUnicodeCopyright() {
    return UNICODE;
}

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

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

// no instantiation
private CopyrightHeaders() { }
platform=bsd
/*
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import org.somewhere.ws.EchoRequest;
import org.somewhere.ws.EchoResponse;

public class CopyingResponse extends EchoResponse {

    public CopyingResponse() {}

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

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 */

/*@(#)ASCIIUtility.java 1.11 07/05/04
*/
package com.sun.mail.util;

import java.io.ByteArrayInputStream;
import java.io.ByteArrayOutputStream;
import java.io.InputStream;
import java.io.IOException;

public class ASCIIUtility {

    // Private constructor so that this class is not instantiated
    private ASCIIUtility() {
    }

    /**
     * Convert the bytes within the specified range of the given byte
     * array into a signed integer in the given radix. The range extends
     * from &lt;code&gt;start&lt;/code&gt; till, but not including &lt;code&gt;end&lt;/code&gt;.
     * Based on java.lang.Integer.parseInt()
     */
    public static int parseInt(byte[] b, int start, int end, int radix)
            throws NumberFormatException {
        if (b == null)
            throw new NumberFormatException("null");
        int result = 0;
        boolean negative = false;
        int i = start;
        int limit;
        int multmin;
        int digit;
        if (end > start) {
            if (b[i] == '-') {
                negative = true;
                limit = Integer.MIN_VALUE;
                i++;
            } else {
                limit = -Integer.MAX_VALUE;
            }
            multmin = limit / radix;
            if (i < end) {
                digit = Character.digit((char)b[i++], radix);
                if (digit < 0) {
                    throw new NumberFormatException(
                            "illegal number: " + toString(b, start, end));
                } else {
                    result = -digit;
                }
            }
        }
        while (i < end) {
            result = -digit;
        }
    }
}
// Accumulating negatively avoids surprises near MAX_VALUE
digit = Character.digit((char)b[i++], radix);
if (digit < 0) {
    throw new NumberFormatException("illegal number");
} else {
    if (negative) {
        if (i > start + 1)
            return result;
        return -result;
    } else {
        if (i > start + 1)
            return result;
        return -result;
    }
    /* Only got "." */
    throw new NumberFormatException("illegal number");
} else {
    if (negative) {
        return result;
    } else {
        result *= radix;
    }
    if (result < limit + digit) {
        throw new NumberFormatException("illegal number");
    }
    result -= digit;
} else {
    throw new NumberFormatException("illegal number");
}
/**
 * Convert the bytes within the specified range of the given byte
 * array into a signed integer. The range extends from
 * \texttt{start} till, but not including \texttt{end}. <p>
 * Based on \texttt{java.lang.Long.parseLong()}<p>
 * 
 * public static int parseInt(byte[] b, int start, int end)
 * throws NumberFormatException {
 * return parseInt(b, start, end, 10);
 * }
 */

/**
 * Convert the bytes within the specified range of the given byte
 * array into a signed long in the given radix. The range extends
 * from \texttt{start} till, but not including \texttt{end}. <p>
 */

public static long parseLong(byte[] b, int start, int end, int radix)
throws NumberFormatException {
    if (b == null)
throw new NumberFormatException("null");

long result = 0;
boolean negative = false;
int i = start;
long limit;
long multmin;
int digit;

if (end > start) {
    if (b[i] == '-') {
        negative = true;
        limit = Long.MIN_VALUE;
        i++;
    } else {
        limit = -Long.MAX_VALUE;
    }
    multmin = limit / radix;
    if (i < end) {
        digit = Character.digit((char)b[i++], radix);
        if (digit < 0) {
            throw new NumberFormatException("illegal number: " + toString(b, start, end));
        } else {
            result = -digit;
        }
    }
    while (i < end) {
        // Accumulating negatively avoids surprises near MAX_VALUE
        digit = Character.digit((char)b[i++], radix);
        if (digit < 0) {
            throw new NumberFormatException("illegal number");
        }
        if (result < multmin) {
            throw new NumberFormatException("illegal number");
        }
        result *= radix;
        if (result < limit + digit) {
            throw new NumberFormatException("illegal number");
        }
        result -= digit;
    }
} else {
    throw new NumberFormatException("illegal number");
}
if (negative) {
    if (i > start + 1) {

return result;
    } else { /* Only got "." */
throw new NumberFormatException("illegal number");
    }
} else {
    return -result;
}

/**
 * Convert the bytes within the specified range of the given byte
 * array into a signed long. The range extends from
 * <code>start</code> till, but not including <code>end</code>. <p>
 */
public static long parseLong(byte[] b, int start, int end)
throws NumberFormatException {
return parseLong(b, start, end, 10);
}

/**
 * Convert the bytes within the specified range of the given byte
 * array into a String. The range extends from <code>start</code>
 * till, but not including <code>end</code>. <p>
 */
public static String toString(byte[] b, int start, int end) {
int size = end - start;
char[] theChars = new char[size];

for (int i = 0, j = start; i < size; )
    theChars[i++] = (char)(b[j++]&0xff);

return new String(theChars);
}

public static String toString(ByteArrayInputStream is) {
int size = is.available();
char[] theChars = new char[size];
byte[] bytes = new byte[size];

is.read(bytes, 0, size);
for (int i = 0; i < size; )
    theChars[i] = (char)(bytes[i++]&0xff);

return new String(theChars);
}

public static byte[] getBytes(String s) {
char [] chars= s.toCharArray();
int size = chars.length;
byte[] bytes = new byte[size];

for (int i = 0; i < size;)
    bytes[i] = (byte) chars[i++];
return bytes;

public static byte[] getBytes(InputStream is) throws IOException {
int len;
int size = 1024;
byte [] buf;

if (is instanceof ByteArrayInputStream) {
    size = is.available();
    buf = new byte[size];
    len = is.read(buf, 0, size);
}
else {
    ByteArrayOutputStream bos = new ByteArrayOutputStream();
    buf = new byte[size];
    while ((len = is.read(buf, 0, size)) != -1)
    bos.write(buf, 0, len);
    buf = bos.toByteArray();
}
return buf;

}

1.596 JavaMail 1.4 1.7.1
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*
* This class provides a default implementation of the SAX2
* [@link org.xml.sax.Attributes Attributes] interface, with the
* addition of manipulators so that the list can be modified or
* reused.</p>
* 
* <p>There are two typical uses of this class:</p>
* 
* <ul>
* <li>to take a persistent snapshot of an Attributes object
* in a [@link org.xml.sax.ContentHandler#startElement startElement] event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ul>
*
* This class replaces the now-deprecated SAX1 [@link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl] class; in addition to supporting the updated Attributes
* interface rather than the deprecated [@link org.xml.sax.AttributeList
* AttributeList] interface, it also includes a much more efficient
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*/

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1.626 jboss-logging 3.1.3.GA

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1.627 jcl-over-slf4j 1.7.6

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package org.apache.commons.logging;

/**
 * A simple logging interface abstracting logging APIs. In order to be
 * instantiated successfully by [@link LogFactory], classes that implement
 * this interface must have a constructor that takes a single String
 * parameter representing the "name" of this Log.</p>
 *
 * The six logging levels used by <code>Log</code> are (in order):
 * <ol>
 * <li>trace (the least serious)</li>
 * <li>debug</li>
 * <li>info</li>
 * <li>warn</li>
 * <li>error</li>
 * <li>fatal (the most serious)</li>
 * </ol>
 * The mapping of these log levels to the concepts used by the underlying
* logging system is implementation dependent.
* The implementation should ensure, though, that this ordering behaves
* as expected.</p>
* 
* <p>Performance is often a logging concern.
* By examining the appropriate property,
* a component can avoid expensive operations (producing information
* to be logged).</p>
* 
* <p>For example,
* <code><pre>
* if (log.isDebugEnabled()) {
*     ... do something expensive ...
*     log.debug(theResult);
* }
* </pre></code>
* </p>
* 
* Configuration of the underlying logging system will generally be done
* external to the Logging APIs, through whatever mechanism is supported by
* that system.</p>
* 
* <p style="color: #E40; font-weight: bold;">Please note that this interface is identical to that found in JCL
1.1.1.</p>
* 
* @author <a href="mailto:sanders@apache.org">Scott Sanders</a>
* @author Rod Waldhoff
* @version $Id: Log.java,v 1.19 2004/06/06 21:16:04 rdonkin Exp $
*/

public interface Log {

    // ----------------------------------------------------- Logging Properties

    /**
     * <p> Is debug logging currently enabled? </p>
     *
     *
     * <p> Call this method to prevent having to perform expensive operations
     * (for example, <code>String</code> concatenation)
     * when the log level is more than debug. </p>
     */
    public boolean isDebugEnabled();

    /**
     * <p> Is error logging currently enabled? </p>
     * 
     */
* Call this method to prevent having to perform expensive operations
* (for example, \texttt{String} concatenation)
* when the log level is more than error. </p>
*/

public boolean isErrorEnabled();

/**
 * Is fatal logging currently enabled? </p>
 *
 * Call this method to prevent having to perform expensive operations
 * (for example, \texttt{String} concatenation)
 * when the log level is more than fatal. </p>
 */

public boolean isFatalEnabled();

/**
 * Is info logging currently enabled? </p>
 *
 * Call this method to prevent having to perform expensive operations
 * (for example, \texttt{String} concatenation)
 * when the log level is more than info. </p>
 *
 * @return true if info enabled, false otherwise
 */

public boolean isInfoEnabled();

/**
 * Is trace logging currently enabled? </p>
 *
 * Call this method to prevent having to perform expensive operations
 * (for example, \texttt{String} concatenation)
 * when the log level is more than trace. </p>
 *
 * @return true if trace enabled, false otherwise
 */

public boolean isTraceEnabled();

/**
 * Is warn logging currently enabled? </p>
 *
 * Call this method to prevent having to perform expensive operations
 * (for example, \texttt{String} concatenation)
 * when the log level is more than warn. </p>
 */
public boolean isWarnEnabled();

// ****************************--- Logging Methods

/**
 * <p> Log a message with trace log level. </p>
 *
 * @param message log this message
 */
public void trace(Object message);

/**
 * <p> Log an error with trace log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void trace(Object message, Throwable t);

/**
 * <p> Log a message with debug log level. </p>
 *
 * @param message log this message
 */
public void debug(Object message);

/**
 * <p> Log an error with debug log level. </p>
 *
 * @param message log this message
 * @param t log this cause
 */
public void debug(Object message, Throwable t);

/**
 * <p> Log a message with info log level. </p>
 *
 * @param message log this message
 */
public void info(Object message);
/**
 * Log an error with info log level. </p>
 * *
 * @param message log this message
 * @param t log this cause
 */
 public void info(Object message, Throwable t);

/**
 * Log a message with warn log level. </p>
 * *
 * @param message log this message
 * @param t log this cause
 */
 public void warn(Object message);

/**
 * Log an error with warn log level. </p>
 * *
 * @param message log this message
 * @param t log this cause
 */
 public void warn(Object message, Throwable t);

/**
 * Log a message with error log level. </p>
 * *
 * @param message log this message
 */
 public void error(Object message);

/**
 * Log an error with error log level. </p>
 * *
 * @param message log this message
 * @param t log this cause
 */
 public void error(Object message, Throwable t);

/**
 * Log a message with fatal log level. </p>
 */
 * *
 * @param message log this message
 */

public void fatal(Object message);

/**
 * <p>Log an error with fatal log level. </p>
 * 
 * @param message log this message
 * @param t log this cause
 */
public void fatal(Object message, Throwable t);

1.628 jcl-over-slf4j 1.7.11

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*/

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1.658 jnr-ffi 1.0.10

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/*jslint plusplus: true, nomen: true */
/*!
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*
* File:      jquery.dataTables.yadcf.js
* Version:   0.8.3
*
* Author:    Daniel Reznick
* Info:      https://github.com/vedmack/yadcf
* Contact:   vedmack@gmail.com
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require 'jruby/java/java_package_module_template'
require 'jruby/java/java_utilities'
require 'jruby/java/core_ext'
require 'jruby/java/java_ext'

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/**
* An almost entirely useless interface for those objects that we _really_ want
* to finalize.
*
* @author pldms
*
*/
public interface Finalizable {
    public void finalize() throws Throwable;
}

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1.694 jul-to-slf4j 1.7.11

1.695 jul-to-slf4j 1.7.12

1.696 jul-to-slf4j 1.7.6

1.697 junit 4.11

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Jan Holmberg, <jan@artech.net> : 
- Memory framework
o HTTP/SSL checkers

Bradley Baetz, <bradley.baetz@optusnet.com.au> :
o MISC checker redesign
o Scheduler framework extension to support
  child process handling.
o Daemon framework extension to block SIGCHLD
  to only receive it when its unblocked in the
  scheduling select loop.

Jeremy Rumpf, <rumpf.6@osu.edu> :
o Added SMTP checker

Chris Caputo, <ccaputo@alt.net> :
o Added dont_track_primary, nopreempt,
  preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :
o Fixed shadowed declaration reported by -Wshadow.
o Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com> :
o Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu> :
o Extended VRRP framework to support floating
  priority.

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1.709 klaw 1.1.3

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1.710 kmod 20 :15.el7

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Section 6 states terms for distribution of such executables.

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Whether this is true is especially significant if the work can be
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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
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Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
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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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1.711 krb5 1.15.1 :8.el7

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import os
import sys
import re

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

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

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

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

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

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'/\*.*?\*/', '', line)
    line = line.strip()
    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').lstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at, code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
    if line.strip() != '':
        code_seen = True
    ln += 1

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

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```
cmd/krb5/kadmin/server/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/mach_spnego/mech/gssapiP_spnego.h
```
```
lib/gss_mechs/mach_spnego/mech/spnego_mech.c
```
```
lib/krb5/kadm5/kadm_host_srv_names.c
```
```
lib/krb5/kdb/kdb_convert.c
```
```
lib/krb5/kdb/kdb_hdr.h
```
```
lib/krb5/kdb/kdb_log.c
```
```
lib/krb5/kdb/kdb_log.h
```
```
lib/libgss/g_accept_sec_context.c
```
```
lib/libgss/g_acquire_cred.c
```
```
lib/libgss/g_canon_name.c
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lib/libgss/g_compare_name.c
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lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
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lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
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lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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```python
#include <iprop_hdr.h>

/kadmin/server/ipropd_svc.c

/lib/kdb/iprop.x
```

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lib/kdb/kdb_log.c
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with the library, after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

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

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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

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

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.
The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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

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

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

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

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

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

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

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

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

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

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

6. As an exception to the Sections above, you may also 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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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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1.719 libassuan 2.1.0 :3.el7

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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.

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table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
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This option is useful when you wish to copy part of the code of
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4. You may copy and distribute the Library (or a portion or
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under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
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If distribution of object code is made by offering access to copy
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Whether this is true is especially significant if the work can be
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If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also combine or
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1.722 libdb 5.3.21 :20.el7

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References:
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Author: Ruben Rodriguez <ruben@trisquel.info>

--- db-5.3.21/src/crypto/mersenne/mt19937db.c.licensefix
+++ db-5.3.21/src/crypto/mersenne/mt19937db.c
@@ -16,16 +16,27 @@
  *   Coded by Takuji Nishimura, considering the suggestions by    */
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-/* mt19937int.out is attached (2001/4/2)                       */
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1.723 libevent 1.4.13 :4.el6

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#
# The plan is that this can be called by configure scripts if you
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/* The original version of this module was written by Adam Langley; for *
* a history of modifications, check out the subversion logs. *
*
* When editing this module, try to keep it re-mergeable by Adam. Don't *
* reformat the whitespace, add Tor dependencies, or so on. *
*
* TODO: *
* - Support IPv6 and PTR records. *
* - Replace all externally visible magic numbers with #defined constants. *
* - Write documentation for APIs of all external functions. */

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* Adam Langley <agl@imperialviolet.org>
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1.733 libjpeg-turbo 1.2.1 :3.el6_5
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The Independent JPEG Group’s JPEG software

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

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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.
FILE FORMAT WARS    Software *not* to get.
TO DO               Plans for future IJG releases.

Other documentation files in the distribution are:

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

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

Please read at least the files install.txt and usage.txt. Some 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 encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG's strong suit is compressing photographic images or other types of images that have smooth color and brightness transitions between neighboring pixels. Images with sharp lines or other abrupt features may not compress well with JPEG, and a higher JPEG quality may have to be used to avoid visible compression artifacts with such images.

JPEG is lossy, meaning that the output pixels are not necessarily identical to the input pixels. However, on photographic content and other "smooth" images, very good compression ratios can be obtained with no visible compression artifacts, and extremely high compression ratios are possible if you are willing to sacrifice image quality (by reducing the "quality" setting in the compressor.)

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. 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 "cjpegs" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjgcom" and "wrjgcom", 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 IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce “uncompressed GIFs”. This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES
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We 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 http://www.ijg.org/files/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 does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from http://www.ecma-international.org/publications/techreports/E-TR-098.htm. A PostScript version of the JFIF document is available at http://www.ijg.org/files/jfif.ps.gz. There is also a plain text version at http://www.ijg.org/files/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.ijg.org/files/. 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.
ARCHIVE LOCATIONS
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The "official" archive site for this software is www.ijg.org.
The most recent released version can always be found there in
directory "files". This particular version will be archived as
http://www.ijg.org/files/jpegsrc.v8d.tar.gz, and in Windows-compatible

The JPEG FAQ (Frequently Asked Questions) article is a source of some
general information about JPEG.
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
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FILE FORMAT WARS
================

The ISO JPEG standards committee actually promotes different formats like
"JPEG 2000" or "JPEG XR", which are incompatible with original DCT-based
JPEG. IJG therefore does not support these formats (see REFERENCES). Indeed,
one of the original reasons for developing this free software was to help
force convergence on common, interoperable format standards for JPEG files.
Don't use an incompatible file format!
(In any case, our decoder will remain capable of reading existing JPEG
image files indefinitely.)

TO DO
=====

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

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

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

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

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

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

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
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 */
/* Note: This include file is only needed for using the
* publickey SUBSYSTEM which is not the same as publickey
* authentication. For authentication you only need libssh2.h
* For more information on the publickey subsystem,
* refer to IETF draft: secsh-publickey
*/

#ifndef LIBSSH2_PUBLICKEY_H
#define LIBSSH2_PUBLICKEY_H 1

#include "libssh2.h"

typedef struct _LIBSSH2_PUBLICKEY               LIBSSH2_PUBLICKEY;

typedef struct _libssh2_publickey_attribute {
    const char *name;
    unsigned long name_len;
    const char *value;
    unsigned long value_len;
    char mandatory;
} libssh2_publickey_attribute;

typedef struct _libssh2_publickey_list {
    unsigned char *packet; /* For freeing */
    const unsigned char *name;
    unsigned long name_len;
    const unsigned char *blob;
    unsigned long blob_len;
    unsigned long num_attrs;
    libssh2_publickey_attribute *attrs; /* free me */
} libssh2_publickey_list;

/* Generally use the first macro here, but if both name and value are string literals, you can use _fast() to take

*/
advantage of preprocessing */
#endif
extern "C" {  
#endif /* ifndef: LIBSSH2_PUBLICKEY_H */

#define libssh2_publickey_attribute(name, value, mandatory)  
    { (name), strlen(name), (value), strlen(value), (mandatory) },
#define libssh2_publickey_attribute_fast(name, value, mandatory)  
    { (name), sizeof(name) - 1, (value), sizeof(value) - 1, (mandatory) },

#define libssh2_publickey_add(pkey, name, blob, blob_len, overwrite, 
num_attr, attrs)                         
    libssh2_publickey_add_ex((pkey), (name), strlen(name), (blob), (blob_len), 
(overwrite), (num_attr), (attrs))

#define libssh2_publickey_remove(pkey, name, blob, blob_len) 
    libssh2_publickey_remove_ex((pkey), (name), strlen(name), (blob), (blob_len))

LIBSSH2_API int libssh2_publickey_list_fetch(LIBSSH2_PUBLICKEY *pkey, 
    unsigned long *num_keys, 
    libssh2_publickey_list **pkey_list);
LIBSSH2_API void libssh2_publickey_list_free(LIBSSH2_PUBLICKEY *pkey, 
    libssh2_publickey_list *pkey_list);

LIBSSH2_API int libssh2_publickey_shutdown(LIBSSH2_PUBLICKEY *pkey);

#endif /* ifndef: LIBSSH2_PUBLICKEY_H */
1.748 libtasn1 4.10 :1.el7

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Version 3, 29 June 2007

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

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

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

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

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

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

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

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

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

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1.749 libthai 0.1.12 :3.el6

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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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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
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(For example, a function in a library to compute square roots has
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application. Therefore, Subsection 2d requires that any
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

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

6. As an exception to the Sections above, you may also 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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1.758 libXcursor 1.1.14 :2.1.el6

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1.760 libXext 1.3.2 :2.1.el6

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* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

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Version 2.1, February 1999

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package io.netty.util.internal.chmv8;

import java.util.concurrent.RecursiveAction;

/**
 * A {@link ForkJoinTask} with a completion action performed when
 * triggered and there are no remaining pending actions.
 * CountedCompleters are in general more robust in the
 * presence of subtask stalls and blockage than are other forms of
 * ForkJoinTasks, but are less intuitive to program. Uses of
 * CountedCompleter are similar to those of other completion based
 * components (such as {@link java.nio.channels.CompletionHandler})
 * except that multiple <em>pending</em> completions may be necessary
 * to trigger the completion action {@link #onCompletion(CountedCompleter)},
 * not just one.
 */
Unless initialized otherwise, the `getPendingCount` starts at zero, but may be (atomically) changed using methods `setPendingCount`, `addToPendingCount`, and `compareAndSetPendingCount`. Upon invocation of `#tryComplete`, if the pending action count is nonzero, it is decremented; otherwise, the completion action is performed, and if this completer itself has a completer, the process is continued with its completer. As is the case with related synchronization components such as `Phaser` and `Semaphore`, these methods affect only internal counts; they do not establish any further internal bookkeeping. In particular, the identities of pending tasks are not maintained. As illustrated below, you can create subclasses that do record some or all pending tasks or their results when needed. As illustrated below, utility methods supporting customization of completion traversals are also provided. However, because CountedCompleters provide only basic synchronization mechanisms, it may be useful to create further abstract subclasses that maintain linkages, fields, and additional support methods appropriate for a set of related usages.

A concrete CountedCompleter class must define method `compute`, that should in most cases (as illustrated below), invoke `tryComplete()` once before returning. The class may also optionally override method `onCompletion(CountedCompleter)` to perform an action upon normal completion, and method `onExceptionalCompletion(Throwable, CountedCompleter)` to perform an action upon any exception.

CountedCompleters most often do not bear results, in which case they are normally declared as `CountedCompleter<Void>`, and will always return `null` as a result value. In other cases, you should override method `getRawResult` to provide a result from `join()`, `invoke()`, and related methods. In general, this method should return the value of a field (or a function of one or more fields) of the CountedCompleter object that holds the result upon completion. Method `setRawResult` by default plays no role in CountedCompleters. It is possible, but rarely applicable, to override this method to maintain other objects or fields holding result data.

A CountedCompleter that does not itself have a completer (i.e., one for which `getCompleter` returns `null`) can be used as a regular ForkJoinTask with this added functionality. However, any completer that in turn has another completer serves only as an internal helper for other computations, so its own task status (as reported in methods such as `isDone`) is arbitrary; this status changes only upon explicit invocations of
* {@link #complete}, {@link ForkJoinTask#cancel},
* {@link ForkJoinTask#completeExceptionally(Throwables)} or upon
* exceptional completion of method {@code compute}. Upon any
* exceptional completion, the exception may be relayed to a task's
* completer (and its completer, and so on), if one exists and it has
* not otherwise already completed. Similarly, cancelling an internal
* CountedCompleter has only a local effect on that completer, so is
* not often useful.
*
* <p>Sample Usages.</p>
*
* <p>Parallel recursive decomposition. CountedCompleters may
* be arranged in trees similar to those often used with {@link
* RecursiveAction}s, although the constructions involved in setting
* them up typically vary. Here, the completer of each task is its
* parent in the computation tree. Even though they entail a bit more
* bookkeeping, CountedCompleters may be better choices when applying
* a possibly time-consuming operation (that cannot be further
* subdivided) to each element of an array or collection; especially
* when the operation takes a significantly different amount of time
* to complete for some elements than others, either because of
* intrinsic variation (for example I/O) or auxiliary effects such as
* garbage collection. Because CountedCompleters provide their own
* continuations, other threads need not block waiting to perform
* them.
*
* For example, here is an initial version of a class that uses
* divide-by-two recursive decomposition to divide work into single
* pieces (leaf tasks). Even when work is split into individual calls,
* tree-based techniques are usually preferable to directly forking
* leaf tasks, because they reduce inter-thread communication and
* improve load balancing. In the recursive case, the second of each
* pair of subtasks to finish triggers completion of its parent
* (because no result combination is performed, the default no-op
* implementation of method {@code onCompletion} is not overridden).
* A static utility method sets up the base task and invokes it
* (here, implicitly using the {@link ForkJoinPool#commonPool()}).
*
* <pre> {@code
* class MyOperation<E> { void apply(E e) { ... } }
* }
* class ForEach<E> extends CountedCompleter<Void> {
*     public static <E> void forEach(E[] array, MyOperation<E> op) {
*         new ForEach<E>(null, array, op, 0, array.length).invoke();
*     }
*     final E[] array; final MyOperation<E> op; final int lo, hi;
* }
* </pre>
* ForEach(CountedCompleter<?>, E[], MyOperation<E> op, int lo, int hi) {
*   super(p);
*   this.array = array; this.op = op; this.lo = lo; this.hi = hi;
* }
*
* public void compute() { // version 1
*   if (hi - lo > 2) {
*     int mid = (lo + hi) >>> 1;
*     setPendingCount(2); // must set pending count before fork
*     new ForEach(this, array, op, mid, hi).fork(); // right child
*     new ForEach(this, array, op, lo, mid).fork(); // left child
*   }
*   else if (hi > lo)
*   { op.apply(array[lo]);
*    tryComplete();
*   }
* } </pre>
*
* This design can be improved by noticing that in the recursive case,
* the task has nothing to do after forking its right task, so can
* directly invoke its left task before returning. (This is an analog
* of tail recursion removal.)  Also, because the task returns upon
* executing its left task (rather than falling through to invoke
* {[@code tryComplete()]) the pending count is set to one:
*
*  <pre>[@code
*  class ForEach<E> ...
*  public void compute() { // version 2
*    if (hi - lo > 2) {
*      int mid = (lo + hi) >>> 1;
*      setPendingCount(1); // only one pending
*      new ForEach(this, array, op, mid, hi).fork(); // right child
*      new ForEach(this, array, op, lo, mid).compute(); // direct invoke
*    }
*    else {
*      if (hi > lo)
*      { op.apply(array[lo]);
*       tryComplete();
*      }
*    }
*  } </pre>
*
* As a further improvement, notice that the left task need not even exist.
* Instead of creating a new one, we can iterate using the original task,
* and add a pending count for each fork.  Additionally, because no task
* in this tree implements an {[@link #onCompletion(CountedCompleter)} method,
* {[@code tryComplete()]} can be replaced with {[@link #propagateCompletion].
Additional improvements of such classes might entail precomputing pending counts so that they can be established in constructors, specializing classes for leaf steps, subdividing by say, four, instead of two per iteration, and using an adaptive threshold instead of always subdividing down to single elements.

Searching. A tree of CountedCompleters can search for a value or property in different parts of a data structure, and report a result in an java.util.concurrent.atomic.AtomicReference as soon as one is found. The others can poll the result to avoid unnecessary work. (You could additionally cancel other tasks, but it is usually simpler and more efficient to just let them notice that the result is set and if so skip further processing.) Illustrating again with an array using full partitioning (again, in practice, leaf tasks will almost always process more than one element):

    class Searcher<E> extends CountedCompleter<E> {
        final E[] array; final AtomicReference<E> result; final int lo, hi;
        Searcher(CountedCompleter<?> p, E[] array, AtomicReference<E> result, int lo, int hi) {
            super(p);
            this.array = array; this.result = result; this.lo = lo; this.hi = hi;
        }
        public E getRawResult() { return result.get(); }
        public void compute() { // similar to ForEach version 3
            int l = lo,  h = hi;
            while (result.get() == null && h >= l) {
                int mid = (l + h) >>> 1;
                addToPendingCount(1);
                new Searcher(this, array, op, mid, h).fork(); // right child
                h = mid;
            }
            if (h > l)
                op.apply(array[l]);
            propagateCompletion();
        }
    }
new Searcher(this, array, result, mid, h).fork();
*     h = mid;
* }
* else {
*     E x = array[l];
*     if (matches(x) && result.compareAndSet(null, x))
*         quietlyCompleteRoot(); // root task is now joinable
*         break;
* }
* }
* tryComplete(); // normally complete whether or not found
* }
* boolean matches(E e) { ... } // return true if found
*
* public static <E> E search(E[] array) {
*     return new Searcher<E>(null, array, new AtomicReference<E>(), 0, array.length).invoke();
* }
* } }}</pre>

In this example, as well as others in which tasks have no other
effects except to compareAndSet a common result, the trailing
unconditional invocation of {@code tryComplete} could be made
conditional (@code if (result.get() == null) tryComplete();))
because no further bookkeeping is required to manage completions
once the root task completes.
*
* <p><b>Recording subtasks.</b> CountedCompleter tasks that combine
* results of multiple subtasks usually need to access these results
* in method (@link #onCompletion(CountedCompleter)). As illustrated in the following
* class (that performs a simplified form of map-reduce where mappings
* and reductions are all of type (@code E)), one way to do this in
* divide and conquer designs is to have each subtask record its
* sibling, so that it can be accessed in method (@code onCompletion).
* This technique applies to reductions in which the order of
* combining left and right results does not matter; ordered
* reductions require explicit left/right designations. Variants of
* other streamlinings seen in the above examples may also apply.
*
* <code>[@code
* class MyMapper&lt;E&gt; { E apply(E v) { ... } }
* class MyReducer&lt;E&gt; { E apply(E x, E y) { ... } }
* class MapReducer&lt;E&gt; extends CountedCompleter&lt;E&gt; {
*     final E[] array; final MyMapper&lt;E&gt; mapper;
*     final MyReducer&lt;E&gt; reducer; final int lo, hi;
*     MapReducer&lt;E&gt; sibling;
*     E result;
*     MapReducer(CountedCompleter&lt;?&gt; p, E[] array, MyMapper&lt;E&gt; mapper,
*         MyReducer&lt;E&gt; reducer, int lo, int hi) {
* super(p);
* this.array = array; this.mapper = mapper;
* this.reducer = reducer; this.lo = lo; this.hi = hi;
* }
* public void compute() {
*   if (hi - lo >= 2) {
*     int mid = (lo + hi) >>> 1;
*     MapReducer<E> left = new MapReducer(this, array, mapper, reducer, lo, mid);
*     MapReducer<E> right = new MapReducer(this, array, mapper, reducer, mid, hi);
*     left.sibling = right;
*     right.sibling = left;
*     setPendingCount(1); // only right is pending
*     right.fork();
*     left.compute(); // directly execute left
*   } else {
*     if (hi > lo)
*       result = mapper.apply(array[lo]);
*     tryComplete();
*   }
* }
* public void onCompletion(CountedCompleter<?> caller) {
*   if (caller != this) {
*     MapReducer<E> child = (MapReducer<E>)caller;
*     MapReducer<E> sib = child.sibling;
*     if (sib == null || sib.result == null)
*       result = child.result;
*     else
*       result = reducer.apply(child.result, sib.result);
*   }
* }
* public E getRawResult() { return result; } 
* 
* public static <E> E mapReduce(E[] array, MyMapper<E> mapper, MyReducer<E> reducer) {
*   return new MapReducer<E>(null, array, mapper, reducer,
*         0, array.length).invoke();
* }
* ]]></pre>

* Here, method [@code onCompletion] takes a form common to many
* completion designs that combine results. This callback-style method
* is triggered once per task, in either of the two different contexts
* in which the pending count is, or becomes, zero: (1) by a task
* itself, if its pending count is zero upon invocation of [@code
* tryComplete], or (2) by any of its subtasks when they complete and
* decrement the pending count to zero. The [@code caller] argument
* distinguishes cases. Most often, when the caller is [@code this],
* no action is necessary. Otherwise the caller argument can be used
(usually via a cast) to supply a value (and/or links to other values) to be combined. Assuming proper use of pending counts, the actions inside {code onCompletion} occur (once) upon completion of a task and its subtasks. No additional synchronization is required within this method to ensure thread safety of accesses to fields of this task or other completed tasks.

Completion Traversals. If using {code onCompletion} to process completions is inapplicable or inconvenient, you can use methods {link #firstComplete} and {link #nextComplete} to create custom traversals. For example, to define a MapReducer that only splits out right-hand tasks in the form of the third ForEach example, the completions must cooperatively reduce along unexhausted subtask links, which can be done as follows:

<pre>class MapReducer&lt;E&gt; extends CountedCompleter&lt;E&gt; { // version 2
final E[] array; final MyMapper&lt;E&gt; mapper;
final MyReducer&lt;E&gt; reducer; final int lo, hi;
MapReducer&lt;E&gt; forks, next; // record subtask forks in list
E result;
MapReducer(CountedCompleter<?<p> E[] array, MyMapper&lt;E&gt; mapper,
* MyReducer&lt;E&gt; reducer, int lo, int hi, MapReducer&lt;E&gt; next) {
* super(p);
* this.array = array; this.mapper = mapper;
* this.reducer = reducer; this.lo = lo; this.hi = hi;
* this.next = next;
* }
* public void compute() {
* int l = lo,  h = hi;
* while (h - l >= 2) {
* int mid = (l + h) >>> 1;
* addToPendingCount(1);
* (forks = new MapReducer(this, array, mapper, reducer, mid, h, forks)).fork();
* h = mid;
* }
* if (h > l)
* result = mapper.apply(array[l]);
* // process completions by reducing along and advancing subtask links
* for (CountedCompleter<?> c = firstComplete(); c != null; c = c.nextComplete()) {
* for (MapReducer t = (MapReducer)c, s = t.forks; s != null; s = t.forks = s.next)
* t.result = reducer.apply(t.result, s.result);
* }
* }
* public E getRawResult() { return result; }
* }
* public static &lt;E&gt; E mapReduce(E[] array, MyMapper&lt;E&gt; mapper, MyReducer&lt;E&gt; reducer) {
* return new MapReducer&lt;E&gt;(null, array, mapper, reducer,
Triggers. Some CountedCompleters are themselves never forked, but instead serve as bits of plumbing in other designs; including those in which the completion of one or more async tasks triggers another async task. For example:

```java
class HeaderBuilder extends CountedCompleter<...> { ... }
class BodyBuilder extends CountedCompleter<...> { ... }
class PacketSender extends CountedCompleter<...> {
  PacketSender(...) { super(null, 1); ... } // trigger on second completion
  public void compute() { } // never called
  public void onCompletion(CountedCompleter<?> caller) { sendPacket(); }
}
// sample use:
PacketSender p = new PacketSender();
new HeaderBuilder(p, ...).fork();
new BodyBuilder(p, ...).fork();
```

@since 1.8
@ SuppressWarnings("all")
public abstract class CountedCompleter<T> extends ForkJoinTask<T> {
  private static final long serialVersionUID = 5232453752276485070L;

  /** This task's completer, or null if none */
  final CountedCompleter<?> completer;
  /** The number of pending tasks until completion */
  volatile int pending;

  /**
   * Creates a new CountedCompleter with the given completer
   * and initial pending count.
   *
   * @param completer this task's completer, or { @code null } if none
   * @param initialPendingCount the initial pending count
   */
  protected CountedCompleter(CountedCompleter<?> completer,
      int initialPendingCount) {
    this.completer = completer;
    this.pending = initialPendingCount;
  }
```
/**
 * Creates a new CountedCompleter with the given completer and an initial pending count of zero.
 * @param completer this task's completer, or null if none
 */
protected CountedCompleter(CountedCompleter<?> completer) {
    this.completer = completer;
}

/**
 * Creates a new CountedCompleter with no completer and an initial pending count of zero.
 */
protected CountedCompleter() {
    this.completer = null;
}

/**
 * The main computation performed by this task.
 */
public abstract void compute();

/**
 * Performs an action when method tryComplete is invoked and the pending count is zero, or when the unconditional method complete is invoked. By default, this method does nothing. You can distinguish cases by checking the identity of the given caller argument. If not equal to this, then it is typically a subtask that may contain results (and/or links to other results) to combine.
 * @param caller the task invoking this method (which may be this task itself)
 */
public void onCompletion(CountedCompleter<?> caller) {
}

/**
 * Performs an action when method completeExceptionally(Throwable) is invoked or method compute throws an exception, and this task has not already otherwise completed normally. On entry to this method, this task [ ForkJoinTask#isCompletedAbnormally]. The return value of this method controls further propagation: If true and this task has a completer that has not completed, then that completer is also completed exceptionally, with the same exception as this completer. The default implementation of
* this method does nothing except return { @code true }. *
* @param ex the exception
* @param caller the task invoking this method (which may
* be this task itself)
* @return { @code true } if this exception should be propagated to this
* task's completer, if one exists
*/
public boolean onExceptionalCompletion(Throwable ex, CountedCompleter<?> caller) {
    return true;
}

/**
 * Returns the completer established in this task's constructor,
 * or { @code null } if none.
 * @return the completer
*/
public final CountedCompleter<?> getCompleter() {
    return completer;
}

/**
 * Returns the current pending count.
 * @return the current pending count
*/
public final int getPendingCount() {
    return pending;
}

/**
 * Sets the pending count to the given value.
 * @param count the count
*/
public final void setPendingCount(int count) {
    pending = count;
}

/**
 * Adds (atomically) the given value to the pending count.
 * @param delta the value to add
*/
public final void addToPendingCount(int delta) {
    int c;
    do {} while (!U.compareAndSwapInt(this, PENDING, c = pending, c+delta));
public final boolean compareAndSetPendingCount(int expected, int count) {
    return U.compareAndSwapInt(this, PENDING, expected, count);
}

public final int decrementPendingCountUnlessZero() {
    int c;
    do {} while ((c = pending) != 0 &&
            !U.compareAndSwapInt(this, PENDING, c, c - 1));
    return c;
}

public final CountedCompleter<?> getRoot() {
    CountedCompleter<?> a = this, p;
    while ((p = a.completer) != null)
        a = p;
    return a;
}

public final void tryComplete() {
    CountedCompleter<?> a = this, s = a;
}
for (int c;;) {
    if ((c = a.pending) == 0) {
        a.onCompletion(s);
        if ($(a = (s = a).completer) == null) {
            s.quietlyComplete();
            return;
        }
    }
    else if (U.compareAndSwapInt(a, PENDING, c, c - 1))
        return;
}

/**
 * Equivalent to {@link #tryComplete} but does not invoke {@link
 * #onCompletion(CountedCompleter)} along the completion path:
 * If the pending count is nonzero, decrements the count;
 * otherwise, similarly tries to complete this task's completer, if
 * one exists, else marks this task as complete. This method may be
 * useful in cases where {@code onCompletion} should not, or need
 * not, be invoked for each completer in a computation.
 */
public final void propagateCompletion() {
    CountedCompleter<?> a = this, s = a;
    for (int c;;) {
        if ((c = a.pending) == 0) {
            if ($(a = (s = a).completer) == null) {
                s.quietlyComplete();
                return;
            }
        }
        else if (U.compareAndSwapInt(a, PENDING, c, c - 1))
            return;
    }
}

/**
 * Regardless of pending count, invokes
 * {@link #onCompletion(CountedCompleter)}, marks this task as
 * complete and further triggers {@link #tryComplete} on this
 * task's completer, if one exists. The given rawResult is
 * used as an argument to {@link #setRawResult} before invoking
 * {@link #onCompletion(CountedCompleter)} or marking this task
 * as complete; its value is meaningful only for classes
 * overriding {@code setRawResult}. This method does not modify
 * the pending count.
 * 
 * <p>This method may be useful when forcing completion as soon as

* any one (versus all) of several subtask results are obtained.
* However, in the common (and recommended) case in which { @code
* setRawResult } is not overridden, this effect can be obtained
* more simply using { @code quietlyCompleteRoot(); }.
*
* @param rawResult the raw result
*/
public void complete(T rawResult) {
    CountedCompleter<? super T> p;
    setRawResult(rawResult);
    onCompletion(this);
    quietlyComplete();
    if ((p = completer) != null)
        p.tryComplete();
}

/**
 * If this task's pending count is zero, returns this task;
 * otherwise decrements its pending count and returns { @code
 * null }. This method is designed to be used with { @link
 * #nextComplete } in completion traversal loops.
 *
 * @return this task, if pending count was zero, else { @code null
 */
public final CountedCompleter<? super T> firstComplete() {
    for (int c;;) {
        if ((c = pending) == 0)
            return this;
        else if (U.compareAndSwapInt(this, PENDING, c, c - 1))
            return null;
    }
}

/**
 * If this task does not have a completer, invokes { @link
 * ForkJoinTask#quietlyComplete } and returns { @code null }. Or, if
 * the completer's pending count is non-zero, decrements that
 * pending count and returns { @code null }. Otherwise, returns the
 * completer. This method can be used as part of a completion
 * traversal loop for homogeneous task hierarchies:
 *
 * <pre> { @code
 * for (CountedCompleter<? super T> c = firstComplete();
 *     c != null;
 *     c = c.nextComplete()) {
 *     // ... process c ...
 * } </pre>

public final CountedCompleter<?> nextComplete() {
    CountedCompleter<?> p;
    if ((p = completer) != null)
        return p.firstComplete();
    else {
        quietlyComplete();
        return null;
    }
}

/**
 * Equivalent to {@code getRoot().quietlyComplete()}. 
 */
public final void quietlyCompleteRoot() {
    for (CountedCompleter<?> a = this, p;;) {
        if ((p = a.completer) == null) {
            a.quietlyComplete();
            return;
        }
        a = p;
    }
}

/**
 * Supports ForkJoinTask exception propagation.
 */
void internalPropagateException(Throwable ex) {
    CountedCompleter<?> a = this, s = a;
    while (a.onExceptionalCompletion(ex, s) &&
        (a = (s = a).completer) != null && a.status >= 0 &&
        a.recordExceptionalCompletion(ex) == EXCEPTIONAL)
        ;
}

/**
 * Implements execution conventions for CountedCompleters.
 */
protected final boolean exec() {
    compute();
    return false;
}

/**
 * Returns the result of the computation. By default
 * returns {@code null}, which is appropriate for {
 * code Void}
* actions, but in other cases should be overridden, almost
* always to return a field or function of a field that
* holds the result upon completion.
*
* @return the result of the computation
*/
public T getRawResult() { return null; }

/**
* A method that result-bearing CountedCompleters may optionally
* use to help maintain result data. By default, does nothing.
* Overrides are not recommended. However, if this method is
* overridden to update existing objects or fields, then it must
* in general be defined to be thread-safe.
*/
protected void setRawResult(T t) { }

// Unsafe mechanics
private static final sun.misc.Unsafe U;
private static final long PENDING;
static {
    try {
        U = getUnsafe();
        PENDING = U.objectFieldOffset
                  (CountedCompleter.class.getDeclaredField("pending");
    } catch (Exception e) {
        throw new Error(e);
    }
}

/**
* Replace with a simple call to Unsafe.getUnsafe when integrating
* into a jdk.
* *
* @return a sun.misc.Unsafe
*/
private static sun.misc.Unsafe getUnsafe() {
    try {
        return sun.misc.Unsafe.getUnsafe();
    } catch (SecurityException tryReflectionInstead) {
    }
    try {
        return java.security.AccessController.doPrivileged
                (new java.security.PrivilegedExceptionAction<sun.misc.Unsafe>() {
                    public sun.misc.Unsafe run() throws Exception {
                        Class<sun.misc.Unsafe> k = sun.misc.Unsafe.class;
                        for (java.lang.reflect.Field f : k.getDeclaredFields()) {
                            f.setAccessible(true);
                        }
                    }
                });
    } catch (java.io.IOException e) {
        throw new Error(e);
    }
    return U;
}
Object x = f.get(null);
if (k.isInstance(x))
    return k.cast(x);
}
throw new NoSuchFieldError("the Unsafe");
});
} catch (java.security.PrivilegedActionException e) {
    throw new RuntimeException("Could not initialize intrinsics",
e.getCause());
}
}
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*/

package io.netty.util.concurrent;
import java.util.concurrent.TimeUnit;
/**
 * A skeletal {@link Future} implementation which represents a {@link Future} which has been completed already.
 */
public abstract class CompleteFuture<V> extends AbstractFuture<V> {

    private final EventExecutor executor;

    /**
     * Creates a new instance.
     *
     * @param executor the {@link EventExecutor} associated with this future
     */
    protected CompleteFuture(EventExecutor executor) {
        this.executor = executor;
    }
}
/**
 * Return the [@link EventExecutor] which is used by this [@link CompleteFuture].
 */

protected EventExecutor executor() {
    return executor;
}

@Override
public Future<V> addListener(GenericFutureListener<? extends Future<? super V>> listener) {
    if (listener == null) {
        throw new NullPointerException("listener");
    }
    DefaultPromise.notifyListener(executor(), this, listener);
    return this;
}

@Override
public Future<V> addListeners(GenericFutureListener<? extends Future<? super V>>... listeners) {
    if (listeners == null) {
        throw new NullPointerException("listeners");
    }
    for (GenericFutureListener<? extends Future<? super V>> l: listeners) {
        if (l == null) {
            break;
        }
        DefaultPromise.notifyListener(executor(), this, l);
    }
    return this;
}

@Override
public Future<V> removeListener(GenericFutureListener<? extends Future<? super V>> listener) {
    // NOOP
    return this;
}

@Override
public Future<V> removeListeners(GenericFutureListener<? extends Future<? super V>>... listeners) {
    // NOOP
    return this;
}

@Override
public Future<V> await() throws InterruptedException {
    if (Thread.interrupted()) {
        throw new InterruptedException();
    }
    return this;
}
@Override
public boolean await(long timeout, TimeUnit unit) throws InterruptedException {
    if (Thread.interrupted()) {
        throw new InterruptedException();
    }
    return true;
}

@Override
public Future<V> sync() throws InterruptedException {
    return this;
}

@Override
public Future<V> syncUninterruptibly() {
    return this;
}

@Override
public boolean await(long timeoutMillis) throws InterruptedException {
    if (Thread.interrupted()) {
        throw new InterruptedException();
    }
    return true;
}

@Override
public Future<V> awaitUninterruptibly() {
    return this;
}

@Override
public boolean awaitUninterruptibly(long timeout, TimeUnit unit) {
    return true;
}

@Override
public boolean awaitUninterruptibly(long timeoutMillis) {
    return true;
}

@Override
public boolean isDone() {
    return true;
}
@Override
public boolean isCancellable() {
    return false;
}

@Override
public boolean isCancelled() {
    return false;
}

@Override
public boolean cancel(boolean mayInterruptIfRunning) {
    return false;
}

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 * under the License.
 */

package io.netty.util;

/**
 * An {@link IllegalStateException} which is raised when a user attempts to access a {@link ReferenceCounted}
 * whose
 * reference count has been decreased to 0 (and consequently freed).
 */
public class IllegalReferenceCountException extends IllegalStateException {

    private static final long serialVersionUID = -2507492394288153468L;

    public IllegalReferenceCountException() {
    }

    public IllegalReferenceCountException(int refCnt) {
        this("refCnt: "+ refCnt);
    }

    public IllegalReferenceCountException(String message) {
        super(message);
    }

    public IllegalReferenceCountException(String message, Throwable cause) {
        super(message, cause);
    }

    public IllegalReferenceCountException(Throwable cause) {
        super(cause);
    }

    @Override
    public String toString() {
        return "IllegalReferenceCountException: " + super.toString();
    }

    public static void checkInvalidReferenceCount(int refCnt) {
        if (refCnt < 0) {
            throw new IllegalReferenceCountException("reference count cannot be negative: "+ refCnt);
        }
    }

    public static void checkInvalidReferenceCount(int refCnt, String ns) {
        if (refCnt < 0) {
            throw new IllegalReferenceCountException("reference count cannot be negative: "+ refCnt, ns);
        }
    }

    public static void checkInvalidReferenceCount(int refCnt, String ns, String msg) {
        if (refCnt < 0) {
            throw new IllegalReferenceCountException(msg, "reference count cannot be negative: "+ refCnt);
        }
    }

    //
    // Serialization
    //
    // The serialVersionUID of this class is automatically generated by the Java reflection
    // framework.
    // If you override the default constructor or any of the exception constructors,
    // you must also override the default serialization code.
    // You can use the Java serialization utilities to generate the correct serialization
    // code.
    //
    private static final long serialVersionUID = -2507492394288153468L;

    @Override
    protected void writeExternal(ObjectOutput out) throws IOException {
        out.writeUTF("IllegalReferenceCountException: " + super.toString());
    }

    @Override
    protected Object readResolve() throws ObjectStreamException {
        return new IllegalReferenceCountException("IllegalReferenceCountException: " + super.toString());
    }

    @Override
    public int hashCode() {
        return super.hashCode();
    }

    @Override
    public int compareTo(Object other) {
        return super.compareTo(other);
public IllegalReferenceCountException(int refCnt, int increment) {
    this("refCnt: " + refCnt + ", " + (increment > 0? "increment: " + increment : "decrement: " + -increment));
}

public IllegalReferenceCountException(String message) {
    super(message);
}

public IllegalReferenceCountException(String message, Throwable cause) {
    super(message, cause);
}

public IllegalReferenceCountException(Throwable cause) {
    super(cause);
}
}/**
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 * WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
 * License for the specific language governing permissions and limitations
 * under the License.
 */
package io.netty.channel;

import io.netty.util.ReferenceCountUtil;
import io.netty.util.internal.TypeParameterMatcher;

/**
 * [@link ChannelInboundHandlerAdapter] which allows to explicit only handle a specific type of messages.
 * 
 * For example here is an implementation which only handle [@link String] messages.
 * 
 * <pre>
 *     public class StringHandler extends
 *             @link SimpleChannelInboundHandler<{@link String}> {
 *         @Override
 *         protected void channelRead0({@link ChannelHandlerContext} ctx, {@link String} message)
 *             throws {@link Exception} {
 *         
 *         }
 * </pre>
 */
public abstract class SimpleChannelInboundHandler<I> extends ChannelInboundHandlerAdapter {

    private final TypeParameterMatcher matcher;
    private final boolean autoRelease;

    /**
     * @see @link #SimpleChannelInboundHandler(boolean) with @code true as boolean parameter.
     */
    protected SimpleChannelInboundHandler() {
        this(true);
    }

    /**
     * Create a new instance which will try to detect the types to match out of the type parameter of the class.
     *
     * @param autoRelease   @code true if handled messages should be released automatically by pass them to
     *                      @link ReferenceCountUtil#release(Object).
     */
    protected SimpleChannelInboundHandler(boolean autoRelease) {
        matcher = TypeParameterMatcher.find(this, SimpleChannelInboundHandler.class, "I");
        this.autoRelease = autoRelease;
    }

    /**
     * @see @link #SimpleChannelInboundHandler(Class, boolean) with @code true as boolean value.
     */
    protected SimpleChannelInboundHandler(Class<? extends I> inboundMessageType) {
        this(inboundMessageType, true);
    }

    /**
     * Create a new instance
     *
     * @param inboundMessageType    The type of messages to match
     * @param autoRelease           @code true if handled messages should be released automatically by pass them to
     */
    protected SimpleChannelInboundHandler(Class<? extends I> inboundMessageType, boolean autoRelease) {
        matcher = TypeParameterMatcher.find(this, SimpleChannelInboundHandler.class, "I");
        this.autoRelease = autoRelease;
    }

    protected void channelRead0(ChannelHandlerContext ctx, Object msg) {
        System.out.println(message);
        }
    }
</pre>

* Be aware that depending of the constructor parameters it will release all handled messages.
* 
* <h3>Forward compatibility notice</h3>
* 
* Please keep in mind that { @link #channelRead0(ChannelHandlerContext, Object)} will be renamed to
* { @code messageReceived(ChannelHandlerContext, I)} in 5.0.
* */
protected SimpleChannelInboundHandler(Class<? extends I> inboundMessageType, boolean autoRelease) {
    matcher = TypeParameterMatcher.get(inboundMessageType);
    this.autoRelease = autoRelease;
}

/**
 * Returns @code true} if the given message should be handled. If @code false} it will be passed to the next
 * @link ChannelInboundHandler} in the @link ChannelPipeline}. *
 */
public boolean acceptInboundMessage(Object msg) throws Exception {
    return matcher.match(msg);
}

@Override
public void channelRead(ChannelHandlerContext ctx, Object msg) throws Exception {
    boolean release = true;
    try {
        if (acceptInboundMessage(msg)) {
            @SuppressWarnings("unchecked")
            I imsg = (I) msg;
            channelRead0(ctx, imsg);
        } else {
            release = false;
            ctx.fireChannelRead(msg);
        }
    } finally {
        if (autoRelease && release) {
            ReferenceCountUtil.release(msg);
        }
    }
}

/**
 * <strong>Please keep in mind that this method will be renamed to
 * @code messageReceived(ChannelHandlerContext, I)} in 5.0. </strong>
 *
 * Is called for each message of type @link I}. *
 *
 * @param ctx the @link ChannelHandlerContext} which this @link SimpleChannelInboundHandler}*
 * belongs to
 * @param msg the message to handle
 * @throws Exception is thrown if an error occurred
 */
protected abstract void channelRead0(ChannelHandlerContext ctx, I msg) throws Exception;
package io.netty.channel;

import io.netty.util.concurrent.CompleteFuture;
import io.netty.util.concurrent.EventExecutor;
import io.netty.util.concurrent.Future;
import io.netty.util.concurrent.GenericFutureListener;

/**
 * A skeletal {@link ChannelFuture} implementation which represents a
 * {@link ChannelFuture} which has been completed already.
 */
abstract class CompleteChannelFuture extends CompleteFuture<Void> implements ChannelFuture {

    private final Channel channel;

    protected CompleteChannelFuture(Channel channel, EventExecutor executor) {
        super(executor);
        if (channel == null) {
            throw new NullPointerException("channel");
        }
        this.channel = channel;
    }

    @Override
    protected EventExecutor executor() {
        EventExecutor e = super.executor();
        if (e == null) {
            return channel().eventLoop();
        }
    }

    @Override
    protected EventExecutor executor() {
        EventExecutor e = super.executor();
        if (e == null) {
            return channel().eventLoop();
        }
    }
} else {
    return e;
}

@Override
public ChannelFuture addListener(GenericFutureListener<? extends Future<? super Void>> listener) {
    super.addListener(listener);
    return this;
}

@Override
public ChannelFuture addListeners(GenericFutureListener<? extends Future<? super Void>>... listeners) {
    super.addListeners(listeners);
    return this;
}

@Override
public ChannelFuture removeListener(GenericFutureListener<? extends Future<? super Void>> listener) {
    super.removeListener(listener);
    return this;
}

@Override
public ChannelFuture removeListeners(GenericFutureListener<? extends Future<? super Void>>... listeners) {
    super.removeListeners(listeners);
    return this;
}

@Override
public ChannelFuture syncUninterruptibly() {
    return this;
}

@Override
public ChannelFuture sync() throws InterruptedException {
    return this;
}

@Override
public ChannelFuture await() throws InterruptedException {
    return this;
}

@Override
public ChannelFuture awaitUninterruptibly() {
    return this;
}
package io.netty.buffer;

import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.nio.ByteBuffer;
import java.nio.ByteOrder;
import java.nio.channels.GatheringByteChannel;
import java.nio.channels.ScatteringByteChannel;

/**
 * A derived buffer which simply forwards all data access requests to its
 * parent. It is recommended to use [@link ByteBuf#duplicate()] instead
 * of calling the constructor explicitly.
 */
public class DuplicatedByteBuf extends AbstractDerivedByteBuf {
    private final ByteBuf buffer;

    public DuplicatedByteBuf(ByteBuf buffer) {
        super(buffer.maxCapacity());
        this.buffer = buffer;
    }

    @Override
    public Channel channel() {
        return channel;
    }

    @Override
    public Void getNow() {
        return null;
    }
}

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 */

if (buffer instanceof DuplicatedByteBuf) {
    this.buffer = ((DuplicatedByteBuf) buffer).buffer;
} else {
    this.buffer = buffer;
}

setIndex(buffer.readerIndex(), buffer.writerIndex());

@Override
public ByteBuf unwrap() {
    return buffer;
}

@Override
public ByteBufAllocator alloc() {
    return buffer.alloc();
}

@Override
public ByteOrder order() {
    return buffer.order();
}

@Override
public boolean isDirect() {
    return buffer.isDirect();
}

@Override
public int capacity() {
    return buffer.capacity();
}

@Override
public ByteBuf capacity(int newCapacity) {
    buffer.capacity(newCapacity);
    return this;
}

@Override
public boolean hasArray() {
    return buffer.hasArray();
}

@Override
public byte[] array() {


return buffer.array();
}

@Override
public int arrayOffset() {
    return buffer.arrayOffset();
}

@Override
public boolean hasMemoryAddress() {
    return buffer.hasMemoryAddress();
}

@Override
public long memoryAddress() {
    return buffer.memoryAddress();
}

@Override
public byte getByte(int index) {
    return _getByte(index);
}

@Override
protected byte _getByte(int index) {
    return buffer.getByte(index);
}

@Override
public short getShort(int index) {
    return _getShort(index);
}

@Override
protected short _getShort(int index) {
    return buffer.getShort(index);
}

@Override
public int getUnsignedMedium(int index) {
    return _getUnsignedMedium(index);
}

@Override
protected int _getUnsignedMedium(int index) {
    return buffer.getUnsignedMedium(index);
}

@Override
public int getUnsignedMedium(int index) {
    return _getUnsignedMedium(index);
}

@Override
protected int _getUnsignedMedium(int index) {
    return buffer.getUnsignedMedium(index);
}
```java
@Override
public int getInt(int index) {
    return _getInt(index);
}

@Override
protected int _getInt(int index) {
    return buffer.getInt(index);
}

@Override
public long getLong(int index) {
    return _getLong(index);
}

@Override
protected long _getLong(int index) {
    return buffer.getLong(index);
}

@Override
public ByteBuf copy(int index, int length) {
    return buffer.copy(index, length);
}

@Override
public ByteBuf slice(int index, int length) {
    return buffer.slice(index, length);
}

@Override
public ByteBuf getBytes(int index, ByteBuf dst, int dstIndex, int length) {
    buffer.getBytes(index, dst, dstIndex, length);
    return this;
}

@Override
public ByteBuf getBytes(int index, byte[] dst, int dstIndex, int length) {
    buffer.getBytes(index, dst, dstIndex, length);
    return this;
}

@Override
public ByteBuf getBytes(int index, ByteBuffer dst) {
    buffer.getBytes(index, dst);
    return this;
}
```
@Override
public ByteBuf setByte(int index, int value) {
    _setByte(index, value);
    return this;
}

@Override
protected void _setByte(int index, int value) {
    buffer.setByte(index, value);
}

@Override
public ByteBuf setShort(int index, int value) {
    _setShort(index, value);
    return this;
}

@Override
protected void _setShort(int index, int value) {
    buffer.setShort(index, value);
}

@Override
public ByteBuf setMedium(int index, int value) {
    _setMedium(index, value);
    return this;
}

@Override
protected void _setMedium(int index, int value) {
    buffer.setMedium(index, value);
}

@Override
public ByteBuf setInt(int index, int value) {
    _setInt(index, value);
    return this;
}

@Override
protected void _setInt(int index, int value) {
    buffer.setInt(index, value);
}

@Override
public ByteBuf setLong(int index, long value) {
    _setLong(index, value);
    return this;
}
```java
@Override
protected void _setLong(int index, long value) {
    buffer.setLong(index, value);
}

@Override
public ByteBuf setBytes(int index, byte[] src, int srcIndex, int length) {
    buffer.setBytes(index, src, srcIndex, length);
    return this;
}

@Override
public ByteBuf setBytes(int index, ByteBuf src, int srcIndex, int length) {
    buffer.setBytes(index, src, srcIndex, length);
    return this;
}

@Override
public ByteBuf setBytes(int index, ByteBuffer src) {
    buffer.setBytes(index, src);
    return this;
}

@Override
public ByteBuf getBytes(int index, OutputStream out, int length)
    throws IOException {
    buffer.getBytes(index, out, length);
    return this;
}

@Override
public int getBytes(int index, GatheringByteChannel out, int length)
    throws IOException {
    return buffer.getBytes(index, out, length);
}

@Override
public int setBytes(int index, InputStream in, int length)
    throws IOException {
    return buffer.setBytes(index, in, length);
}

@Override
public int setBytes(int index, ScatteringByteChannel in, int length)
    throws IOException {
    return buffer.setBytes(index, in, length);
}
```
public int nioBufferCount() {
    return buffer.nioBufferCount();
}

public ByteBuffer[] nioBuffers(int index, int length) {
    return buffer.nioBuffers(index, length);
}

public ByteBuffer internalNioBuffer(int index, int length) {
    return nioBuffer(index, length);
}

public int forEachByte(int index, int length, ByteBufProcessor processor) {
    return buffer.forEachByte(index, length, processor);
}

public int forEachByteDesc(int index, int length, ByteBufProcessor processor) {
    return buffer.forEachByteDesc(index, length, processor);
}

package io.netty.buffer;

import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.nio.ByteBuffer;
import java.nio.ByteOrder;
import java.nio.channels.GatheringByteChannel;
import java.nio.channels.ScatteringByteChannel;

/**
 * A derived buffer which exposes its parent's sub-region only. It is
 * recommended to use {@link ByteBuf#slice()} and
 * {@link ByteBuf#slice(int, int)} instead of calling the constructor
 * explicitly.
 */
public class SlicedByteBuf extends AbstractDerivedByteBuf {

  private final ByteBuf buffer;
  private final int adjustment;
  private final int length;

  public SlicedByteBuf(ByteBuf buffer, int index, int length) {
    super(length);
    if (index < 0 || index > buffer.capacity() - length) {
      throw new IndexOutOfBoundsException(buffer.toString() + ".slice(" + index + ", " + length + "));
    }

    if (buffer instanceof SlicedByteBuf) {
      this.buffer = ((SlicedByteBuf) buffer).buffer;
      adjustment = ((SlicedByteBuf) buffer).adjustment + index;
    } else if (buffer instanceof DuplicatedByteBuf) {
      this.buffer = buffer.unwrap();
      adjustment = index;
    } else {
      this.buffer = buffer;
      adjustment = index;
    }
    this.length = length;

    writerIndex(length);
  }

  @Override
  public ByteBuf unwrap() {
    return buffer;
  }

  @Override
  public ByteBufAllocator alloc() {
    return buffer.alloc();
  }
}
@Override
public ByteOrder order() {
    return buffer.order();
}

@Override
public boolean isDirect() {
    return buffer.isDirect();
}

@Override
public int capacity() {
    return length;
}

@Override
public ByteBuf capacity(int newCapacity) {
    throw new UnsupportedOperationException("sliced buffer");
}

@Override
public boolean hasArray() {
    return buffer.hasArray();
}

@Override
public byte[] array() {
    return buffer.array();
}

@Override
public int arrayOffset() {
    return buffer.arrayOffset() + adjustment;
}

@Override
public boolean hasMemoryAddress() {
    return buffer.hasMemoryAddress();
}

@Override
public long memoryAddress() {
    return buffer.memoryAddress() + adjustment;
}

@Override
protected byte _getByte(int index) {
    return buffer.getByte(index + adjustment);
@Override
protected short _getShort(int index) {
    return buffer.getShort(index + adjustment);
}

@Override
protected int _getUnsignedMedium(int index) {
    return buffer.getUnsignedMedium(index + adjustment);
}

@Override
protected int _getInt(int index) {
    return buffer.getInt(index + adjustment);
}

@Override
protected long _getLong(int index) {
    return buffer.getLong(index + adjustment);
}

@Override
public ByteBuf duplicate() {
    ByteBuf duplicate = buffer.slice(adjustment, length);
    duplicate.setIndex(readerIndex(), writerIndex());
    return duplicate;
}

@Override
public ByteBuf copy(int index, int length) {
    checkIndex(index, length);
    return buffer.copy(index + adjustment, length);
}

@Override
public ByteBuf slice(int index, int length) {
    checkIndex(index, length);
    if (length == 0) {
        return Unpooled.EMPTY_BUFFER;
    }
    return buffer.slice(index + adjustment, length);
}

@Override
public ByteBuf getBytes(int index, ByteBuf dst, int dstIndex, int length) {
    checkIndex(index, length);
    buffer.getBytes(index + adjustment, dst, dstIndex, length);
}
public ByteBuf getBytes(int index, byte[] dst, int dstIndex, int length) {
    checkIndex(index, length);
    buffer.getBytes(index + adjustment, dst, dstIndex, length);
    return this;
}

@Override
public ByteBuf getBytes(int index, ByteBuffer dst) {
    checkIndex(index, dst.remaining());
    buffer.getBytes(index + adjustment, dst);
    return this;
}

@Override
protected void _setByte(int index, int value) {
    buffer.setByte(index + adjustment, value);
}

@Override
protected void _setShort(int index, int value) {
    buffer.setShort(index + adjustment, value);
}

@Override
protected void _setMedium(int index, int value) {
    buffer.setMedium(index + adjustment, value);
}

@Override
protected void _setInt(int index, int value) {
    buffer.setInt(index + adjustment, value);
}

@Override
protected void _setLong(int index, long value) {
    buffer.setLong(index + adjustment, value);
}

@Override
public ByteBuf setBytes(int index, byte[] src, int srcIndex, int length) {
    checkIndex(index, length);
    buffer.setBytes(index + adjustment, src, srcIndex, length);
    return this;
}
@Override
public ByteBuf setBytes(int index, ByteBuf src, int srcIndex, int length) {
    checkIndex(index, length);
    buffer.setBytes(index + adjustment, src, srcIndex, length);
    return this;
}

@Override
public ByteBuf setBytes(int index, ByteBuffer src) {
    checkIndex(index, src.remaining());
    buffer.setBytes(index + adjustment, src);
    return this;
}

@Override
public ByteBuf getBytes(int index, OutputStream out, int length) throws IOException {
    checkIndex(index, length);
    buffer.getBytes(index + adjustment, out, length);
    return this;
}

@Override
public int getBytes(int index, GatheringByteChannel out, int length) throws IOException {
    checkIndex(index, length);
    return buffer.getBytes(index + adjustment, out, length);
}

@Override
public int setBytes(int index, InputStream in, int length) throws IOException {
    checkIndex(index, length);
    return buffer.setBytes(index + adjustment, in, length);
}

@Override
public int setBytes(int index, ScatteringByteChannel in, int length) throws IOException {
    checkIndex(index, length);
    return buffer.setBytes(index + adjustment, in, length);
}

@Override
public int nioBufferCount() {
    return buffer.nioBufferCount();
}

@Override
public ByteBuffer nioBuffer(int index, int length) {
    checkIndex(index, length);
}
return buffer.nioBuffer(index + adjustment, length);
}

@Override
public ByteBuffer[] nioBuffers(int index, int length) {
    checkIndex(index, length);
    return buffer.nioBuffers(index + adjustment, length);
}

@Override
public ByteBuffer internalNioBuffer(int index, int length) {
    checkIndex(index, length);
    return nioBuffer(index, length);
}

@Override
public int forEachByte(int index, int length, ByteBufProcessor processor) {
    int ret = buffer.forEachByte(index + adjustment, length, processor);
    if (ret >= adjustment) {
        return ret - adjustment;
    } else {
        return -1;
    }
}

@Override
public int forEachByteDesc(int index, int length, ByteBufProcessor processor) {
    int ret = buffer.forEachByteDesc(index + adjustment, length, processor);
    if (ret >= adjustment) {
        return ret - adjustment;
    } else {
        return -1;
    }
}

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 */
package io.netty.handler.codec.marshalling;

import org.jboss.marshalling.ByteInput;

import java.io.IOException;

/**
 * {@link ByteInput} implementation which wraps another {@link ByteInput} and throws a {@link TooBigObjectException}
 * if the read limit was reached.
 */
class LimitingByteInput implements ByteInput {

    // Use a static instance here to remove the overhead of fillStackTrace
    private static final TooBigObjectException EXCEPTION = new TooBigObjectException();

    private final ByteInput input;
    private final long limit;
    private long read;

    public LimitingByteInput(ByteInput input, long limit) {
        if (limit <= 0) {
            throw new IllegalArgumentException("The limit MUST be > 0");
        }
        this.input = input;
        this.limit = limit;
    }

    @Override
    public void close() throws IOException {
        // Nothing to do
    }

    @Override
    public int available() throws IOException {
        return readable(input.available());
    }

    @Override
    public int read() throws IOException {
        int readable = readable(1);
        if (readable > 0) {
            int b = input.read();
            read++;
            return b;
        } else {
            throw new TooBigObjectException("The read limit was reached");
        }
    }

    @Override
    public int readable() throws IOException {
        return readable(input.readable());
    }

    @Override
    public int readable(long threshold) throws IOException {
        return readable(input.readable(threshold));
    }
}

throw EXCEPTION;
}

@Override
public int read(byte[] array) throws IOException {
    return read(array, 0, array.length);
}

@Override
public int read(byte[] array, int offset, int length) throws IOException {
    int readable = readable(length);
    if (readable > 0) {
        int i = input.read(array, offset, readable);
        read += i;
        return i;
    } else {
        throw EXCEPTION;
    }
}

@Override
public long skip(long bytes) throws IOException {
    int readable = readable((int) bytes);
    if (readable > 0) {
        long i = input.skip(readable);
        read += i;
        return i;
    } else {
        throw EXCEPTION;
    }
}

private int readable(int length) {
    return (int) Math.min(length, limit - read);
}

/**
 * Exception that will get thrown if the {@link Object} is too big to unmarshall
 *
 */
static final class TooBigObjectException extends IOException {
    private static final long serialVersionUID = 1L;
}

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package io.netty.handler.codec.sctp;

import io.netty.buffer.ByteBuf;
import io.netty.buffer.Unpooled;
import io.netty.channel.ChannelHandlerContext;
import io.netty.channel.ChannelInboundHandler;
import io.netty.channel.sctp.SctpMessage;
import io.netty.handler.codec.MessageToMessageDecoder;
import java.util.HashMap;
import java.util.List;
import java.util.Map;

/**
 * {@link MessageToMessageDecoder} which will take care of handle fragmented {@link SctpMessage}s, so only <strong>complete</strong> {@link SctpMessage}s will be forwarded to the next {@link ChannelInboundHandler}.
 */
public class SctpMessageCompletionHandler extends MessageToMessageDecoder<SctpMessage> {
    private final Map<Integer, ByteBuf> fragments = new HashMap<Integer, ByteBuf>();

    @Override
    protected void decode(ChannelHandlerContext ctx, SctpMessage msg, List<Object> out) throws Exception {
        final ByteBuf byteBuf = msg.content();
        final int protocolIdentifier = msg.protocolIdentifier();
        final int streamIdentifier = msg.streamIdentifier();
        final boolean isComplete = msg.isComplete();
        ByteBuf frag;
        if (fragments.containsKey(streamIdentifier)) {
            frag = fragments.remove(streamIdentifier);
        } else {
            frag = Unpooled.EMPTY_BUFFER;
        }
    }
}
if (isComplete && !frag.isReadable()) {
    //data chunk is not fragmented
    out.add(msg);
} else if (!isComplete && frag.isReadable()) {
    //more message to complete
    fragments.put(streamIdentifier, Unpooled.wrappedBuffer(frag, byteBuf));
} else if (isComplete && frag.isReadable()) {
    //last message to complete
    fragments.remove(streamIdentifier);
    SctpMessage assembledMsg = new SctpMessage(
        protocolIdentifier,
        streamIdentifier,
        Unpooled.wrappedBuffer(frag, byteBuf));
    out.add(assembledMsg);
} else {
    //first incomplete message
    fragments.put(streamIdentifier, byteBuf);
}
byteBuf.retain();
}
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 */
package io.netty.handler.codec;

import io.netty.buffer.ByteBuf;
import io.netty.buffer.Unpooled;

/**
 * A set of commonly used delimiters for {@link DelimiterBasedFrameDecoder}.
 */
public final class Delimiters {

    /**
     * Returns a {@code NUL (0x00)} delimiter, which could be used for
* Flash XML socket or any similar protocols.
* /
public static ByteBuf[] nulDelimiter() {
    return new ByteBuf[] {
        Unpooled.wrappedBuffer(new byte[] { 0 })
    };
}

/**
* Returns \{@code CR ('\r')} and \{@code LF ('\n')} delimiters, which could
* be used for text-based line protocols.
* /
public static ByteBuf[] lineDelimiter() {
    return new ByteBuf[] {
        Unpooled.wrappedBuffer(new byte[] { '\r', '\n' }),
        Unpooled.wrappedBuffer(new byte[] { '\n' }),
    };
}

private Delimiters() {
    // Unused
}

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* under the License.
*/
package io.netty.handler.codec;

import io.netty.buffer.ByteBuf;
import io.netty.channel.ChannelHandlerContext;
import java.util.List;

/**
* A decoder that splits the received \{@link ByteBuf\}s by one or more
* delimiters. It is particularly useful for decoding the frames which ends
* with a delimiter such as \{@link Delimiters#nulDelimiter\} NUL \} or
* { [@linkplain Delimiters#lineDelimiter() newline characters].
* 
* <h3>Predefined delimiters</h3>
* <p>
* { [@link Delimiters} defines frequently used delimiters for convenience' sake.
* 
* <h3>Specifying more than one delimiter</h3>
* <p>
* { [@link DelimiterBasedFrameDecoder} allows you to specify more than one delimiter. If more than one delimiter is found in the buffer, it chooses the delimiter which produces the shortest frame. For example, if you have the following data in the buffer:
* 
* +--------------+
* | ABC
DEF\n | 
* +--------------+
* </pre>
* 
* a { [@link DelimiterBasedFrameDecoder]({ [@link Delimiters#lineDelimiter() Delimiters.lineDelimiter()])} will choose { @code 'n'} as the first delimiter and produce two frames:
* 
* +-----+-----+
* | ABC | DEF | 
* +-----+-----+
* </pre>
* 
* rather than incorrectly choosing { @code 'v\n'} as the first delimiter:
* 
* +--------------+
* | ABC\nDEF | 
* +--------------+
* </pre>
* */

public class DelimiterBasedFrameDecoder extends ByteToMessageDecoder {

    private final ByteBuf[] delimiters;
    private final int maxFrameLength;
    private final boolean stripDelimiter;
    private final boolean failFast;
    private boolean discardingTooLongFrame;
    private final LineBasedFrameDecoder lineBasedDecoder;

    /**
     * Creates a new instance.
     *
     * @param maxFrameLength the maximum length of the decoded frame.
     * A { [@link TooLongFrameException} is thrown if the length of the frame exceeds this value.
    */
* @param delimiter  the delimiter
*/

public DelimiterBasedFrameDecoder(int maxFrameLength, ByteBuf delimiter) {
    this(maxFrameLength, true, delimiter);
}

/**
* Creates a new instance.
*
* @param maxFrameLength  the maximum length of the decoded frame.
* A { @link TooLongFrameException} is thrown if
* the length of the frame exceeds this value.
* @param stripDelimiter  whether the decoded frame should strip out the
* delimiter or not
* @param delimiter  the delimiter
*/

public DelimiterBasedFrameDecoder(
    int maxFrameLength, boolean stripDelimiter, ByteBuf delimiter) {
    this(maxFrameLength, stripDelimiter, true, delimiter);
}

/**
* Creates a new instance.
*
* @param maxFrameLength  the maximum length of the decoded frame.
* A { @link TooLongFrameException} is thrown if
* the length of the frame exceeds this value.
* @param stripDelimiter  whether the decoded frame should strip out the
* delimiter or not
* @param failFast  If <tt>true</tt>, a { @link TooLongFrameException} is
* thrown as soon as the decoder notices the length of the
* frame will exceed <tt>maxFrameLength</tt> regardless of
* whether the entire frame has been read.
* If <tt>false</tt>, a { @link TooLongFrameException} is
* thrown after the entire frame that exceeds
* <tt>maxFrameLength</tt> has been read.
* @param delimiter  the delimiter
*/

public DelimiterBasedFrameDecoder(
    int maxFrameLength, boolean stripDelimiter, boolean failFast,
    ByteBuf delimiter) {
    this(maxFrameLength, stripDelimiter, failFast, new ByteBuf[]{
        delimiter.slice(delimiter.readerIndex(), delimiter.readableBytes())});
}

/**
* Creates a new instance.
*
### Public DelimiterBasedFrameDecoder

* @param maxFrameLength  the maximum length of the decoded frame.
* A [ @link TooLongFrameException] is thrown if
* the length of the frame exceeds this value.
* @param delimiters  the delimiters
*
```java
public DelimiterBasedFrameDecoder(int maxFrameLength, ByteBuf... delimiters) {
    this(maxFrameLength, true, delimiters);
}
```

/ **
* Creates a new instance.
*
* @param maxFrameLength  the maximum length of the decoded frame.
* A [ @link TooLongFrameException] is thrown if
* the length of the frame exceeds this value.
* @param stripDelimiter  whether the decoded frame should strip out the
* delimiter or not
* @param delimiters  the delimiters
*/
public DelimiterBasedFrameDecoder(
    int maxFrameLength, boolean stripDelimiter, ByteBuf... delimiters) {
    this(maxFrameLength, stripDelimiter, true, delimiters);
}

/ **
* Creates a new instance.
*
* @param maxFrameLength  the maximum length of the decoded frame.
* A [ @link TooLongFrameException] is thrown if
* the length of the frame exceeds this value.
* @param stripDelimiter  whether the decoded frame should strip out the
* delimiter or not
* @param failFast  If <tt>true</tt>, a [ @link TooLongFrameException] is
* thrown as soon as the decoder notices the length of the
* frame will exceed <tt>maxFrameLength</tt> regardless of
* whether the entire frame has been read.
* If <tt>false</tt>, a [ @link TooLongFrameException] is
* thrown after the entire frame that exceeds
* <tt>maxFrameLength</tt> has been read.
* @param delimiters  the delimiters
*/
public DelimiterBasedFrameDecoder(
    int maxFrameLength, boolean stripDelimiter, boolean failFast, ByteBuf... delimiters) {
    validateMaxFrameLength(maxFrameLength);
    if (delimiters == null) {
        throw new NullPointerException("delimiters");
    }
    if (delimiters.length == 0) {
        throw new NullPointerException("delimiters");
    }
```
throw new IllegalArgumentException("empty delimiters");
}
if (isLineBased(delimiters) && !isSubclass()) {
    lineBasedDecoder = new LineBasedFrameDecoder(maxFrameLength, stripDelimiter, failFast);
    this.delimiters = null;
} else {
    this.delimiters = new ByteBuf[delimiters.length];
    for (int i = 0; i < delimiters.length; i++) {
        ByteBuf d = delimiters[i];
        validateDelimiter(d);
        this.delimiters[i] = d.slice(d.readerIndex(), d.readableBytes());
    }
    lineBasedDecoder = null;
}
this.maxFrameLength = maxFrameLength;
this.stripDelimiter = stripDelimiter;
this.failFast = failFast;
}

/** Returns true if the delimiters are "\n" and "\r\n". */
private static boolean isLineBased(final ByteBuf[] delimiters) {
    if (delimiters.length != 2) {
        return false;
    }
    ByteBuf a = delimiters[0];
    ByteBuf b = delimiters[1];
    if (a.capacity() < b.capacity()) {
        a = delimiters[1];
        b = delimiters[0];
    }
    return a.capacity() == 2 && b.capacity() == 1 && a.getByte(0) == '\r' && a.getByte(1) == '\n' && b.getByte(0) == '\n';
}

/**
* Return { @code true } if the current instance is a subclass of DelimiterBasedFrameDecoder
*/
private boolean isSubclass() {
    return getClass() != DelimiterBasedFrameDecoder.class;
}

@Override
protected final void decode(ChannelHandlerContext ctx, ByteBuf in, List<Object> out) throws Exception {
    Object decoded = decode(ctx, in);
    if (decoded != null) {
        out.add(decoded);
    }
}
/**
 * Create a frame out of the {@link ByteBuf} and return it.
 *
 * @param   ctx             the {@link ChannelHandlerContext} which this {@link ByteToMessageDecoder} belongs to
 * @param   buffer          the {@link ByteBuf} from which to read data
 * @return  frame           the {@link ByteBuf} which represent the frame or @code null} if no frame could
 *                          be created.
 */
protected Object decode(ChannelHandlerContext ctx, ByteBuf buffer) throws Exception {
    if (lineBasedDecoder != null) {
        return lineBasedDecoder.decode(ctx, buffer);
    }

    // Try all delimiters and choose the delimiter which yields the shortest frame.
    int minFrameLength = Integer.MAX_VALUE;
    ByteBuf minDelim = null;
    for (ByteBuf delim: delimiters) {
        int frameLength = indexOf(buffer, delim);
        if (frameLength >= 0 && frameLength < minFrameLength) {
            minFrameLength = frameLength;
            minDelim = delim;
        }
    }

    if (minDelim != null) {
        int minDelimLength = minDelim.capacity();
        ByteBuf frame;

        if (discardingTooLongFrame) {
            // We've just finished discarding a very large frame.
            // Go back to the initial state.
            discardingTooLongFrame = false;
            buffer.skipBytes(minFrameLength + minDelimLength);

            int tooLongFrameLength = this.tooLongFrameLength;
            this.tooLongFrameLength = 0;
            if (!failFast) {
                fail(ctx, tooLongFrameLength);
            }
            return null;
        }

        if (minFrameLength > maxFrameLength) {
            // Discard read frame.
            buffer.skipBytes(minFrameLength + minDelimLength);
        }
    }
}
fail(ctx, minFrameLength);
        return null;
    }

    if (stripDelimiter) {
        frame = buffer.readBytes(minFrameLength);
        buffer.skipBytes(minDelimLength);
    } else {
        frame = buffer.readBytes(minFrameLength + minDelimLength);
    }

    return frame;
} else {
    if (!discardingTooLongFrame) {
        if (buffer.readableBytes() > maxFrameLength) {
            // Discard the content of the buffer until a delimiter is found.
            tooLongFrameLength = buffer.readableBytes();
            buffer.skipBytes(buffer.readableBytes());
            discardingTooLongFrame = true;
            if (failFast) {
                fail(ctx, tooLongFrameLength);
            }
        }
    } else {
        // Still discarding the buffer since a delimiter is not found.
        tooLongFrameLength += buffer.readableBytes();
        buffer.skipBytes(buffer.readableBytes());
    }
    return null;
}

private void fail(ChannelHandlerContext ctx, long frameLength) {
    if (frameLength > 0) {
        ctx.fireExceptionCaught(
            new TooLongFrameException(
                "frame length exceeds " + maxFrameLength + 
                ": " + frameLength + " - discarded")
        );
    } else {
        ctx.fireExceptionCaught(
            new TooLongFrameException(
                "frame length exceeds " + maxFrameLength + 
                " - discarding")
        );
    }
}

/**
 * Returns the number of bytes between the readerIndex of the haystack and
private static int indexOf(ByteBuf haystack, ByteBuf needle) {
    for (int i = haystack.readerIndex(); i < haystack.writerIndex(); i++) {
        int haystackIndex = i;
        int needleIndex;
        for (needleIndex = 0; needleIndex < needle.capacity(); needleIndex++) {
            if (haystack.getByte(haystackIndex) != needle.getByte(needleIndex)) {
                break;
            } else {
                haystackIndex++;
                if (haystackIndex == haystack.writerIndex() &&
                    needleIndex != needle.capacity() - 1) {
                    return -1;
                }
            }
        }
        if (needleIndex == needle.capacity()) {
            // Found the needle from the haystack!
            return i - haystack.readerIndex();
        }
    }
    return -1;
}

private static void validateDelimiter(ByteBuf delimiter) {
    if (delimiter == null) {
        throw new NullPointerException("delimiter");
    }
    if (!delimiter.isReadable()) {
        throw new IllegalArgumentException("empty delimiter");
    }
}

private static void validateMaxFrameLength(int maxFrameLength) {
    if (maxFrameLength <= 0) {
        throw new IllegalArgumentException("maxFrameLength must be a positive integer: "+maxFrameLength);
    }
}

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*/
package io.netty.handler.ssl;

/**
* Event that is fired once the SSL handshake is complete, which may be because it was successful or there
* was an error.
*/
public final class SslHandshakeCompletionEvent {

    public static final SslHandshakeCompletionEvent SUCCESS = new SslHandshakeCompletionEvent();

    private final Throwable cause;

    /*
     * Creates a new event that indicates a successful handshake.
     */
    private SslHandshakeCompletionEvent() {
        cause = null;
    }

    /*
     * Creates a new event that indicates an unsuccessful handshake.
     * Use {@link #SUCCESS} to indicate a successful handshake.
     */
    public SslHandshakeCompletionEvent(Throwable cause) {
        if (cause == null) {
            throw new NullPointerException("cause");
        }
        this.cause = cause;
    }

    /*
     * Return true if the handshake was successful
     */
    public boolean isSuccess() {
        return cause == null;
    }
}
/**
 * Return the { @link Throwable} if { @link isSuccess()} returns { @code false}
 * and so the handshake failed.
 */
 public Throwable cause() {
   return cause;
 }

1.904 ng-annotate 0.15.4
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1.908 nopt 3.0.6

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1.909 normalize-package-data 2.3.5

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1.910 normalize-path 2.0.1

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1.911 npmlog 2.0.0

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1.912 nspr 4.13.1 :1.0.el7_3

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5. [6]Michael Barone <michael.barone@lmco.com> GPSVME fixes
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
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17. [18]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
18. [19]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
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20. [21]Dave Hart <davehart@davehart.com> General maintenance, Windows port interpolation rewrite
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22. [23]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
23. [24]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
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34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation
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51. [55] Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure
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55. [59] Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic
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56. [60] Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and
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3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
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23. Mike Iglesias <iglesias@uci.edu> DEC Alpha port
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29. William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
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31. Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
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42. [46]Rob Neal <neal@nt.org> Bancomm refclock and config/parse code maintenance
43. [47]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
44. [48]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
45. [49]Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo
46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
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50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
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55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
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/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#define_COMPAT_POLL_H_
#define_COMPAT_POLL_H_

typedef struct pollfd {
  int fd;
  short events;
  short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN0x0001
#define POLLOUT0x0004
#define POLLRERR0x0008
#if 0
/* the following are currently not implemented */
#define POLLPRI0x0002
#define POLLHUP0x0010
#define POLLNVAL0x0020
#define POLLRDNORM0x0040
#define POLLNORMPOLLRDNORM

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#define POLLWRNORM POLLOUT
#define POLLRDBAND0x0080
#define POLLWRBAND0x0100
#endif

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

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H */
#endif /* !HAVE_POLL_H */
/* $Id: bsd-waitpid.h,v 1.5 2003/08/29 16:59:52 mourning Exp $ */

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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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#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
/**OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */

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/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {

int fd;
short events;
short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNarrm 0x0040
#define POLLRDNORM POLLNORM
#define POLLWRNorm POLLPRI
#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 _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 */

diff -up openssh-7.4p1/sftp-server.8.sftp-force-mode openssh-7.4p1/sftp-server.8
--- openssh-7.4p1/sftp-server.8.sftp-force-mode 2016-12-19 05:59:41.000000000 +0100
+++ openssh-7.4p1/sftp-server.8.sftp-force-mode 2017-02-09 10:35:41.926475399 +0100
@@ -38,6 +38,7 @@
 .Op Fl P Ar blacklisted_requests
 .Op Fl p Ar whitelisted_requests
 .Op Fl u Ar umask
+.Op Fl m Ar force_file_perms
 .Ek
 .Nm
 .Fl Q Ar protocol_feature
 @@ -138,6 +139,10 @@
Sets an explicit umask 2
to be applied to newly-created files and directories, instead of the
user's default mask.
+.It Fl m Ar force_file_perms
+Sets explicit file permissions to be applied to newly-created files instead
+of the default or client requested mode. Numeric values include:
+777, 755, 750, 666, 644, 640, etc. Option -u is ineffective if -m is set.
.Em
/* Force file permissions */
+int permforce = 0;
+long permforcemode;
+
/* SSH2_FXP_INIT received */
static int init_done;

if ((r = sshbuf_get_u32(iqueue, &pflags)) != 0 || /* portable flags */
@@ -688,6 +693,10 @@ process_open(u_int32_t id)
    mode = (a.flags & SSH2_FILEXFER_ATTR_PERMISSIONS) ? a.perm : 0666;
+if (permforce == 1) { /* Force perm if -m is set */
+    mode = permforcemode;
+    old_umask = umask(0); /* so umask does not interfere */
+}
logit("open "%s" flags %s mode 0%o",
    name, string_from_portable(pflags), mode);
if (readonly &&
@@ -709,6 +718,8 @@ process_open(u_int32_t id)
    }
    }
    }
+if (permforce == 1)
+(*void) umask(old_umask); /* restore umask to something sane */
if (status != SSH2_FX_OK)
    send_status(id, status);
free(name);
@@ -1490,7 +1501,7 @@ sftp_server_usage(void)
fprintf(stderr, 
    "usage: %s [-ehR] [-d start_directory] [-f log_facility] 
    "[-l log_level]|null|-P blacklisted_requests] 
    

"[-p whitelisted_requests] [-u umask]\n" 
+ "[-p whitelisted_requests] [-u umask] [-m force_file_perms]\n" 
  " %s -Q protocol\feature\n", 
  __prognme, __progmame);
exit(1);
@@ -1516,7 +1527,7 @@ sftp_server_main(int argc, char **argv,
pw = pwcopy(user_pw);

while (!skipargs && (ch = getopt(argc, argv,
+ "d:f:l:P:p:Q:u:m:cehR") != -1) { 
    switch (ch) {
    case 'Q':
      if (strcasecmp(optarg, "requests") != 0) {
@@ -1576,6 +1587,15 @@ sftp_server_main(int argc, char **argv,
        fatal("Invalid umask \"%s\"", optarg);
        (void)umask((mode_t)mask);
        break;
+  case 'm':
+    /* Force permissions on file received via sftp */
+    permforce = 1;
+    permforcemode = strtol(optarg, &cp, 8);
+    if (permforcemode < 0 || permforcemode > 0777 ||
+        *cp != \'0\' || (permforcemode == 0 &&
+        errno != 0))
+      fatal("Invalid file mode \"%s\"", optarg);
+      break;
    case 'h':
    default:
      sftp_server_usage();

1.941 openssl 1.0.2k :8.el7

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1.950 options 0.0.6

1.951 orchestrator 0.3.7

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1.958 os-locale 1.4.0

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1.959 osgi-resource-locator 1.0.1

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1.964 p6spy 2.1.4

1.965 pam 1.1.8 :18.el7

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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 will lead to faster development of free libraries.

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

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

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

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

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to 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
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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

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Preamble

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

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

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1.986 pause-stream 0.0.11

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1.989 perl 5.10.1 :136.el6
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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1.991 perl-SOAP-Lite 0.715

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# vim600: encoding=UTF-8

"streamable kanji code filter and converter"

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1.1005 play_twirl-api_2.11 1.0.2

1.1006 policycoreutils 2.0.83 :19.30.el6

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1.1008 portscanner 1.0.0

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1.1009 PostgreSQL 9.4.1

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1.1017 procps 3.2.8 :25.el6

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**1.1024 Pull API for parsing MIME messages - MIMEpull 1.6**

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-- Lennart Poettering, April 20th, 2006.
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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

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

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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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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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(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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A. HISTORY OF THE SOFTWARE

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

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

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

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

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1.1032 python 2.7.5 :58.el7

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.. highlightlang:: none

.. _history-and-license:

*******************
History and License
*******************
History of the software

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

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

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

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

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

The :mod:`_random` module includes code based on a download from
http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are
the verbatim comments from the original code::

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

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

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Any feedback is very welcome.
http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets
-------

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

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Floating point exception control
--------------------------------

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MD5 message digest algorithm
----------------------------

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

http://www.ietf.org/rfc/rfc1321.txt

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321;
now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5);
added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services

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

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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

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1.1033 python-argparse 1.2.1-2.1.el6

1.1033.1 Available under license :

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For details about the Python License, please see doc/Python-License.txt.

History
-------

Before (and including) argparse 1.1, the argparse package was licensed under
Apache License v2.0.

After argparse 1.1, all project files from the argparse project were deleted due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from Python 2.7.1, so definitely all files are under Python License now.

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

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

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

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

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1.1036 python-configobj 4.6.0 :3.el6
1.1036.1 Available under license:
    # setup.py
    # Install script for ConfigObj
    # Copyright (C) 2005-2009 Michael Foord, Mark Andrews, Nicola Larosa
    # E-mail: fuzzyman AT voidspace DOT org DOT uk
    #       mark AT la-la DOT com
    #       nico AT tekNico DOT net

    # This software is licensed under the terms of the BSD license.
    # http://www.voidspace.org.uk/python/license.shtml
Copyright (c) 2003-2010, Michael Foord
All rights reserved.
E-mail : fuzzyman AT voidspace DOT org DOT uk

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1.1037 python-crypto 2.6.1 :15.el7

1.1037.1 Available under license:

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):  
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Previously, the copyright and/or licensing status of the Python Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The original intention of Andrew M. Kuchling and other contributors has been to dedicate PyCrypto to the public domain, but that intention was not necessarily made clear in the original disclaimer (see LEGAL/copy/LICENSE.orig).

Additionally, some files within PyCrypto had specified their own licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

To rectify this situation for PyCrypto 2.1, the following steps have been taken:
1. Obtaining explicit permission from the original contributors to dedicate their contributions to the public domain if they have not already done so. (See the "LEGAL/copy/stmts" directory for contributors' statements.)

2. Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library.)

3. Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).

4. Removing some modules altogether without replacing them.

To the best of our knowledge, with the exceptions noted below or within the files themselves, the files that constitute PyCrypto are in the public domain. Most are distributed with the following notice:

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever.

No rights are reserved.

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Exception:

- Portions of HMAC.py and setup.py are derived from Python 2.2, and are therefore Copyright (c) 2001, 2002, 2003 Python Software Foundation (All Rights Reserved). They are licensed by the PSF under the terms of the Python 2.2 license. (See the file LEGAL/copy/LICENSE.python-2.2 for details.)

EXPORT RESTRICTIONS:

Note that the export or re-export of cryptographic software and/or
source code may be subject to regulation in your jurisdiction.
PyCrypto Code Submission Requirements - Rev. C

Last updated: 2009-02-28

In an effort to further clarify PyCrypto's licensing terms, anyone submitting code to PyCrypto must be able to certify the following (taken from the Linux kernel's SubmittingPatches file):

Developer's Certificate of Origin 1.1

By making a contribution to this project, I certify that:

(a) The contribution was created in whole or in part by me and I have the right to submit it under the open source license indicated in the file; or

(b) The contribution is based upon previous work that, to the best of my knowledge, is covered under an appropriate open source license and I have the right under that license to submit that work with modifications, whether created in whole or in part by me, under the same open source license (unless I am permitted to submit under a different license), as indicated in the file; or

(c) The contribution was provided directly to me by some other person who certified (a), (b) or (c) and I have not modified it.

(d) I understand and agree that this project and the contribution are public and that a record of the contribution (including all personal information I submit with it, including my sign-off) is maintained indefinitely and may be redistributed consistent with this project or the open source license(s) involved.

In addition, the code's author must not be a national, citizen, or resident of the United States of America.

In addition, the code must not be of U.S. origin.

In addition, all new code contributed to PyCrypto must be dedicated to the public domain as follows:

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.
Hi Mark,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

===================================================================
Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided "as is" without warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.
===================================================================

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in

_Open Intellectual Property and Open Source: A Practical Guide to Protecting
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=======================================================================

Regards,
-Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key  - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From markmoraes@yahoo.com Mon Apr 20 19:25:37 2009
X-Maildir-Dup-Checked: Yes
Return-Path: <markmoraes@yahoo.com>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
by rivest.dlitz.net (Postfix) with ESMTP id 5D9AE984FDD
for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 19:25:37 -0400 (EDT)
Received: from localhost (localhost [127.0.0.1])
by goedel.dlitz.net (Postfix) with QMQP id DE41F4025F
for <dwon@rivest.dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)
Received: (vmailmgr-postfix 7604 invoked by uid 1003); 20 Apr 2009 17:25:36 -0600
Delivered-To: m-dlitz-dlitz@dlitz.net
Received-SPF: none (yahoo.com: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom;
envelope-from="markmoraes@yahoo.com"; helo=web32405.mail.mud.yahoo.com; client-ip=68.142.207.198
Received: from web32405.mail.mud.yahoo.com (web32405.mail.mud.yahoo.com [68.142.207.198])
by goedel.dlitz.net (Postfix) with SMTP id B5EAF401EE
for <dlitz@dlitz.net> (Postfix) with SMTP id B5EAF401EE
for <dlitz@dlitz.net>; Mon, 20 Apr 2009 17:25:36 -0600 (CST)
Received: (qmail 34697 invoked by uid 60001); 20 Apr 2009 23:25:33 -0600
DKIM-Signature: v=1; a=r rsa-sha256; c=relaxed/relaxed; d@yahoo.com; s=1024; t=1240269933;
bh=OvxqbYnCg7R6tUN3YmlgFURM3CuHh1JeHyXhDzkaThU=; h=Message-ID:X-YMail-OSG:Received:X-
Mailer:Date:From:Reply-To:Subject:To:MIME-Version:Content-Type; b=F2h2hFzpQxyKFZ8BHenniyupGw4Zvlckb9BSk91qKU+51W/TkSGBij5YZIhklQdkQk0qLz5f4g8dIt6bOME3s
EY1j10hx0K0u2UD0yoYTINBCmsdMQRoJ7ph9bmt+p/EjhRpe+FiiV6aoLV0FONWiHfGDghPT1dulWXfVTqgB
2aU=
Hi Dwayne.

Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.

Regards,
Mark.

--- On Sat, 4/18/09, Dwayne C. Litzenberger <dlitz@dlitz.net> wrote:

> From: Dwayne C. Litzenberger <dlitz@dlitz.net>
> Subject: PyCrypto license clarification
> To: "Mark Moraes" <moraes@computer.org>
> Date: Saturday, April 18, 2009, 9:14 AM
> Hi Mark,
> > I am the new maintainer of the Python Cryptography Toolkit,
> > and I am
> > working on a new release at http://www.pycrypto.org/.
> > > People often ask me what license PyCrypto is covered by, if
> > it's
GPL-compatible, etc. Right now, I'm not really sure what to tell them.
The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify").

==================================================================
> Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided "as is" without warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.
>
==================================================================

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk

(www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in

_Intellectual Property and Open Source: A Practical Guide to Protecting Code_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Wim Lewis, Jeethu Rao, and Barry Warsaw, and they have all...
> approved the following dedication for their contributions.
>
> I understand that you have made contributions to
> PyCrypto. May I, on your behalf, dedicate to the public domain all your
> contributions to PyCrypto,
> with the following notice?
>
> The contents of this file are
dedicated to the public domain. To the
extent that dedication to the public
domain is not available, everyone
is granted a worldwide, perpetual,
royalty-free, non-exclusive license
to exercise all rights associated with
the contents of this file for
any purpose whatsoever. No
rights are reserved.

Regards,
- Dwayne

-- Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key   - 19E1
1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From dlitz@dlitz.net Mon Apr 20 20:01:37 2009
Date: Mon, 20 Apr 2009 20:01:37 -0400
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>
To: moraes@computer.org
Subject: Re: PyCrypto license clarification
Message-ID: <20090421000137.GA29012@rivest.dlitz.net>
References: <551071.34569.qm@web32405.mail.mud.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Disposition: inline
In-Reply-To: <551071.34569.qm@web32405.mail.mud.yahoo.com>
X-Primary-Address: dlitz@dlitz.net
X-Homepage: http://www.dlitz.net/
X-OpenPGP: url=http://www.dlitz.net/go/gpgkey/
id=19E11FE8B3CFF273ED174A24928CEC1339C25CF7 (only for key signing);
preference=unprotected
Thanks a lot, and don't worry about not responding to previous emails. I do that too much myself. :)

On Mon, Apr 20, 2009 at 04:25:32PM -0700, M Moraes wrote:
>
> Hi Dwayne.
>
> Sure, the new license sounds fine for all my contributions to PyCrypto, and thanks for taking it on. My apologies for not responding to your previous e-mail.
>
> Regards,
> Mark.
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> >>
> >> =============================================================
> >> Distribute and use freely; there are
> >> no restrictions on further
> >> dissemination and usage except those
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I understand that you have made contributions to PyCrypto. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone...
Hi Jeethu,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

Distribute and use freely; there are no restrictions on further
dissemination and usage except those imposed by the laws of your
country of residence. This software is provided "as is" without
warranty of fitness for use or suitability for any purpose, express
or implied. Use at your own risk or not at all.
===================================================================

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(though that would be nice).

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The contents of this file are dedicated to the public domain. To the
extent that dedication to the public domain is not available, everyone
is granted a worldwide, perpetual, royalty-free, non-exclusive license
to exercise all rights associated with the contents of this file for
any purpose whatsoever. No rights are reserved.
=======================================================================

Regards,
- Dwayne

--

Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From jeethurao@gmail.com Sun Mar  8 17:28:16 2009
X-Maildir-Dup-Checked: Yes
Return-Path: <jeethurao@gmail.com>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
    by rivest.dlitz.net (Postfix) with ESMTP id 0CC83515D9
    for <dwon@rivest.dlitz.net>; Sun,  8 Mar 2009 17:28:16 -0400 (EDT)
Hi Dwayne,

My contribution to PyCrypto are very very minimal (The sha256 module, IIRC).

--000e0cd209d0e5a3d40464a23054
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Dwayne, My contribution to pycrypto are very very minimal (The sha256 module, IIRC).
I'd be fine with the public domain license for PyCrypto.

Jeethu Rao
PS: Apologies for the delay in my response.
I don't really check this email address all that often,
please direct any further correspondence to jeethu@jeethurao.com

On Sun, Mar 1, 2009 at 9:54 AM, Dwayne C. Litzenberger <dlitz@dlitz.net> wrote:

> Hi Jeethu,
>
> I am the new maintainer of the Python Cryptography Toolkit, and I am
> working on a new release at http://www.pycrypto.org/.
>
> People often ask me what license PyCrypto is covered by, if it's
> GPL-compatible, etc. Right now, I'm not really sure what to tell them. The
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>
> ==============================================================
>
> Distribute and use freely; there are no restrictions on further
> dissemination and usage except those imposed by the laws of your
> country of residence. This software is provided "as is" without
> warranty of fitness for use or suitability for any purpose, express
> or implied. Use at your own risk or not at all.
> ==============================================================
>
> Incorporating the code into commercial products is permitted; you do
> not have to make source available or contribute your changes back
> (though that would be nice).
>
> --amk (www.amk.ca)
>
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> clearer licensing regime. I am asking as many copyright holders as I can
> find if I can release PyCrypto under something clearer and more standard.
> Below, I have quoted a public domain dedication that was recommended in
> _Intellectual Property and Open Source: A Practical Guide to Protecting
> Code_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey
> Pointer, and Wim Lewis, and they have all approved the following text for
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>
> I understand that you have made contributions to PyCrypto. May I, on your
> behalf, dedicate to the public domain all your contributions to PyCrypto,
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>
> ==============================================================
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Regards,
- Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key: 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

--
Jeethu Rao

--000e0cd209d0e5a3d40464a23054

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Regards,
On November 23, 2008, you wrote:

> Hi Wim,
>
> I am the new maintainer of the Python Cryptography Toolkit, and I am
> working on a new release at http://www.pycrypto.org/.
>
> I understand that you have made contributions to PyCrypto. May I, on
> your behalf, dedicate to the public domain all your contributions to
> PyCrypto, with the following notice?
>
> The contents of this file are dedicated to the public domain. To the
> extent that dedication to the public domain is not available, everyone
> is granted a worldwide, perpetual, royalty-free, non-exclusive license
> to exercise all rights associated with the contents of this file for
> any purpose whatsoever. No rights are reserved.

Certainly! I think the only code of mine in PyCrypto is the CAST-5 / CAST-128
implementation, which already has a public-domain notice at the top of
the file. But I am happy to have that, any any other code of mine that
might have wandered in there under an unclear open sourcish license,
distributed under the public-domain dedication you quote.

Wim.
Hi Barry,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

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Regards,
- Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>
   Key-signing key   - 19E1 1FE8 B3CF F273 ED17  4A24 928C EC13 39C2 5CF7

From barry@python.org Mon Mar  2 11:29:39 2009
X-Maildir-Dup-Checked: Yes
Return-Path: <barry@python.org>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
   by rivest.dlitz.net (Postfix) with ESMTP id 6E01AC6640B
   for <dwon@rivest.dlitz.net>; Mon,  2 Mar 2009 11:29:39 -0500 (EST)
Received: from localhost (localhost [127.0.0.1])
   by goedel.dlitz.net (Postfix) with QMQP id 0644E1007A
   for <dwon@rivest.dlitz.net>; Mon,  2 Mar 2009 10:29:39 -0600 (CST)
Received: (vmailmgr-postfix 8668 invoked by uid 1003);  2 Mar 2009 10:29:39 -0600
Delivered-To: m-dlitz-dlitz@dlitz.net
Received-SPF: none (python.org: No applicable sender policy available) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="barry@python.org"; helo@mail.wooz.org; client-ip=216.15.33.230
Received: from mail.wooz.org (216-15-33-230.c3-0.slvr-ubr2.lnh-slvr.md.static.cable.rcn.com [216.15.33.230])
   by goedel.dlitz.net (Postfix) with ESMTMP id CCEA110073
   for <dlitz@dlitz.net>; Mon,  2 Mar 2009 10:29:38 -0600 (CST)
Received: from snowdog.wooz.org (snowdog.wooz.org [192.168.11.202])
   by mail.wooz.org (Postfix) with ESMTPSA id ACE30E3C9F
   for <dlitz@dlitz.net>; Mon,  2 Mar 2009 11:29:35 -0500 (EST)
Message-Id: <09BF1A39-B015-4820-97A3-8642490C8254@python.org>
From: Barry Warsaw <barry@python.org>
To: Dwayne C. Litzenberger <dlitz@dlitz.net>
In-Reply-To: <20090301024509.GA13195@rivest.dlitz.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed; delsp=yes
Content-Transfer-Encoding: quoted-printable
Mime-Version: 1.0 (Apple Message framework v930.3)
Subject: Re: PyCrypto license clarification
Date: Mon, 2 Mar 2009 11:29:34 -0500
References: <20090301024509.GA13195@rivest.dlitz.net>
X-Pgp-Agent: GPGMail d55 (v55, Leopard)
X-Mailer: Apple Mail (2.930.3)
Status: RO
Content-Length: 869

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

On Feb 28, 2009, at 9:45 PM, Dwayne C. Litzenberger wrote:

> I am the new maintainer of the Python Cryptography Toolkit, and I am =20=
> working on a new release at http://www.pycrypto.org/.

Great! I'm glad to see someone taking up the mantle of this important =20=
Python library.

> I understand that you have made contributions to PyCrypto. May I, =20=
> on your behalf, dedicate to the public domain all your contributions =20=
> to PyCrypto, with the following notice?

Absolutely yes.

Cheers,
Barry

-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.9 (Darwin)
iQCVAwUBSawJbnEjvBPtnXfVAQLZjgP/ecG+JdZwNvPJRfsa6rhY6+MHLDH16agk
evJnSJQAcVHIznVlVeR5IxgvDUUakZjU4SOV77MkhsKA9Ie7rPaD9SYgn3ra5
gEiwI2DQDoOy5GExXMm74qrbr1PCCbCRmpaYN0o+DZohwHkeFBjbwDRA3wItOrH7
SK4w9VBJtfY=3D
=3DQduY
-----END PGP SIGNATURE-----
Date: Mon, 16 Feb 2009 12:58:00 -0800
From: Robey Pointer <robey@lag.net>
On 23 Nov 2008, at 07:42, Dwayne C. Litzenberger wrote:

> For the next PyCrypto release, I would like to take steps to move
> toward a clearer licensing regime. I am asking as many copyright
> holders as I can find if I can release PyCrypto under something
> clearer and more standard. Below, I have quoted a public domain
> dedication that was recommended in _Intellectual Property and Open
> Source: A Practical Guide to Protecting Code_, by Van Lindberg. I
> have already contacted A. M. Kuchling, and he has approved the
> following dedication for his contributions.
> >
> > May I, on your behalf, dedicate to the public domain all your
> > contributions to PyCrypto, with the following notice?
> >
> > =
> > ======================================================================
> >    The contents of this file are dedicated to the public domain. To
> >    the
> >    extent that dedication to the public domain is not available,
> >    everyone
> >    is granted a worldwide, perpetual, royalty-free, non-exclusive
> >    license
> >    to exercise all rights associated with the contents of this file
> >    for
> >    any purpose whatsoever. No rights are reserved.
> > =
> > ======================================================================
> >
> In case I haven’t replied to this yet: Yes, this is fine with me.

robey
Hi Andrew,

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them.

The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify").

Distribute and use freely; there are no restrictions on further dissemination and usage except those imposed by the laws of your country of residence. This software is provided "as is" without warranty of fitness for use or suitability for any purpose, express or implied. Use at your own risk or not at all.
Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk (www.amk.ca)

For the next PyCrypto release, I'd like to take steps to move toward a clearer licensing regime. I'm asking as many copyright holders as I can find, starting with you, if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in _Intellectual Property and Open Source: A Practical Guide to Protecting Code_, by Van Lindberg.

May I, on your behalf, dedicate to the public domain your considerable contributions to PyCrypto, with the following notice?

```
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```

Regards,
- Dwayne

--20

Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

--YiEDa0DAkWCtVeE4
Content-Type: application/pgp-signature; name="signature.asc"
Content-Description: Digital signature
Content-Disposition: inline

-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.5 (GNU/Linux)
People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them.
The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

The intention is that it be public domain.

May I, on your behalf, dedicate to the public domain your considerable contributions to PyCrypto, with the following notice?

You may.

--amk

Hi Paul,

I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

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Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).
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I understand that you have made contributions to PyCrypto, under nickname "z3p" and/or other names. May I, on your behalf, dedicate to the public domain all your contributions to PyCrypto, with the following notice?

=======================================================================
The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.
=======================================================================

Regards,
- Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key   - 19E1 1FE8 B3CF F273 ED17  4A24 928C EC13 39C2 5CF7

From paulswartz@gmail.com Mon Aug  3 12:14:07 2009
X-Maildir-Dup-Checked: Yes
Return-Path: <paulswartz@gmail.com>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
by rivest.dlitz.net (Postfix) with ESMTP id 30B9D984FC4
for <dwon@rivest.dlitz.net>; Mon,  3 Aug 2009 12:14:07 -0400 (EDT)
Received: from localhost (localhost [127.0.0.1])
by goedel.dlitz.net (Postfix) with QMQP id AD9AE81068
for <dwon@rivest.dlitz.net>; Mon,  3 Aug 2009 10:14:06 -0600 (CST)
Received: (vmailmgr-postfix 32055 invoked by uid 1003);  3 Aug 2009 10:14:06 -0600
Delivered-To: m-dlitz-dlitz@dlitz.net
Received-SPF: pass (gmail.com ... _spf.google.com: 72.14.192.0/18' matched) receiver=goedel.dlitz.net; identity=mfrom; envelope-from="paulswartz@gmail.com"; helo=fg-out-1718.google.com; client-ip=72.14.220.159
Received: from fg-out-1718.google.com (fg-out-1718.google.com [72.14.220.159])
On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenberger <dlitz@dlitz.net> wrote:

> Hi Paul,
>
> > I am the new maintainer of the Python Cryptography Toolkit, and I am
> > working on a new release at http://www.pycrypto.org/.
>
> That's great!

> I understand that you have made contributions to PyCrypto, under nickname
> "z3p" and/or other names. =C2=A0May I, on your behalf, dedicate to the pu=
blic

>/
Yes, that's fine. Good luck with the new release!

-p
--20
Paul Swartz
paulswartz at gmail dot com
http://paulswartz.net/
AIM: z3penguin
On Mon, Aug 03, 2009 at 12:13:43PM -0400, Paul Swartz wrote:
> On Sun, Aug 2, 2009 at 9:48 PM, Dwayne C. Litzenberger<dlitz@dlitz.net> wrote:
> >> Hi Paul,
> >>
> >> I am the new maintainer of the Python Cryptography Toolkit, and I am
> >> working on a new release at http://www.pycrypto.org/.
> >
> >That's great!
> >
> >> I understand that you have made contributions to PyCrypto, under nickname
> >> "z3p" and/or other names. May I, on your behalf, dedicate to the public
> >> domain all your contributions to PyCrypto, with the following notice?
> >>
> >> =======================================================================
> >> The contents of this file are dedicated to the public domain. To the
> >> extent that dedication to the public domain is not available, everyone
> >> is granted a worldwide, perpetual, royalty-free, non-exclusive license
> >> to exercise all rights associated with the contents of this file for
> >> any purpose whatsoever. No rights are reserved.
> >> =======================================================================
> >
> >Yes, that's fine. Good luck with the new release!

Perfect! Thanks for the quick response!

--
Dwayne C. Litzenberger <dlitz@dlitz.net>
   Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
From dlitz@dlitz.net Mon May  4 22:49:14 2009
Date: Mon, 4 May 2009 22:49:14 -0400
From: "Dwayne C. Litzenberger" <dlitz@dlitz.net>
To: Joris Bontje <joris@bontje.nl>
Subject: PyCrypto license clarification
Message-ID: <20090505024914.GA9219@rivest.dlitz.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Disposition: inline
User-Agent: Mutt/1.5.16 (2007-06-11)
Status: RO
Content-Length: 2553

Hi Joris,
I am the new maintainer of the Python Cryptography Toolkit, and I am working on a new release at http://www.pycrypto.org/.

People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them. The text in the current LICENSE file (quoted below) is not entirely clear on the point of whether distributing modified versions is allowed. (It says "distribute and use", but not "modify".)

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

Incorporating the code into commercial products is permitted; you do not have to make source available or contribute your changes back (though that would be nice).

--amk  (www.amk.ca)

For the next PyCrypto release, I would like to take steps to move toward a clearer licensing regime. I am asking as many copyright holders as I can find if I can release PyCrypto under something clearer and more standard. Below, I have quoted a public domain dedication that was recommended in _Intellectual Property and Open Source: A Practical Guide to Protecting Code_, by Van Lindberg. I have already contacted A. M. Kuchling, Robey Pointer, Barry Warsaw, Wim Lewis, Jeethu Rao, and Mark Moraes, and they have all approved the following dedication for their contributions.

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

Regards,
- Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

From joris@bontje.nl Tue May  5 03:08:32 2009
X-Maildir-Dup-Checked: Yes
Return-Path: <joris@bontje.nl>
X-Original-To: dwon@rivest.dlitz.net
Delivered-To: dwon@rivest.dlitz.net
Received: from goedel.dlitz.net (unknown [10.159.255.6])
  by rivest.dlitz.net (Postfix) with ESMTP id 7AA4B9E5078
for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 03:08:32 -0400 (EDT)
Received: from localhost (localhost [127.0.0.1])
  by goedel.dlitz.net (Postfix) with QMQP id 2315B40583
for <dwon@rivest.dlitz.net>; Tue, 5 May 2009 01:08:32 -0600 (CST)
Received: (vmailmgr-postfix 16890 invoked by uid 1003); 5 May 2009 01:08:32 -0600
Delivered-To: m-dlitz-dlitz@dlitz.net
Received-SPF: none (bontje.nl: No applicable sender policy available) receiver=goodel.dlitz.net; identity=mfrom;
envelope-from="joris@bontje.nl"; helo=smt6.versatel.nl; client-ip=62.58.50.97
Received: from smtp6.versatel.nl (smtp6.versatel.nl [62.58.50.97])
  by goedel.dlitz.net (Postfix) with ESMTP id 2D76A4052C
for <dlitz@dlitz.net>; Tue, 5 May 2009 01:08:30 -0600 (CST)
Received: (qmail-4224 invoked by uid 0); 5 May 2009 07:08:25 -0000
Received: from qmail06.line.net (HELO dell062.admin.zonnet.nl) ([10.170.1.123])
  (envelope-sender <joris@bontje.nl>)
  by 10.170.1.96 (qmail-1.03) with SMTP
  for < >; 5 May 2009 07:08:25 -0000
Received: by dell062.admin.zonnet.nl (Postfix, from userid 33)
id 9BE9B15759B; Tue, 5 May 2009 09:08:25 +0200 (CEST)
Received: from firewall66.interaccess.nl (firewall66.interaccess.nl [193.173.35.66])
  by www.webmail.vuurwerk.nl (Horde MIME library) with HTTP;
  Tue, 05 May 2009 09:08:25 +0200
Message-ID: <20090505090825.gsq1ps7hg08wwwok@www.webmail.vuurwerk.nl>
Date: Tue, 05 May 2009 09:08:25 +0200
From: joris@bontje.nl
To: "Dwayne C. Litzenberger" <dlitz@dlitz.net>
Subject: Re: PyCrypto license clarification
References: <20090505024914.GA9219@rivest.dlitz.net>
In-Reply-To: <20090505024914.GA9219@rivest.dlitz.net>
MIME-Version: 1.0
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Content-Transfer-Encoding: 7bit
User-Agent: Internet Messaging Program (IMP) H3 (4.1.3)
Status: RO
X-Status: A
Content-Length: 3488
Hi Dwayne,

Thanks for taking over the PyCrypto library and putting in the required effort to keep this going.
I was very excited to read that it is now one of the installed libraries for Google AppsEngine!

You have my full permission to dedicate all my contributions to PyCrypto to the public domain with your suggested notice:
=======================================================================
The contents of this file are dedicated to the public domain. To the extent that dedication to the public domain is not available, everyone is granted a worldwide, perpetual, royalty-free, non-exclusive license to exercise all rights associated with the contents of this file for any purpose whatsoever. No rights are reserved.
=======================================================================

Regards,
Joris

Citeren "Dwayne C. Litzenberger" <dlitz@dlitz.net>:

> Hi Joris,
> 
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> People often ask me what license PyCrypto is covered by, if it's GPL-compatible, etc. Right now, I'm not really sure what to tell them.
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> 
> --amk (www.amk.ca)
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======================================================================

Regards,
-Dwayne

--
Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key  - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
Excellent! Thank you!

On Tue, May 05, 2009 at 09:08:25AM +0200, joris@bontje.nl wrote:
> Hi Dwayne,
>
> Thanks for taking over the PyCrypto library and putting in the required
> effort to keep this going.
> I was very excited to read that it is now one of the installed libraries
> for Google AppsEngine!
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> You have my full permission to dedicate all my contributions to PyCrypto to
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> ==============================================================
>
> Regards,
> Joris
>
> Citeren "Dwayne C. Litzenberger" <dlitz@dlitz.net>:
> 
> >> Hi Joris,
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> >> I am the new maintainer of the Python Cryptography Toolkit, and I am
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- Dwayne

-- Dwayne C. Litzenberger <dlitz@dlitz.net>

Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7

Dwayne C. Litzenberger <dlitz@dlitz.net>
Key-signing key - 19E1 1FE8 B3CF F273 ED17 4A24 928C EC13 39C2 5CF7
Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45
A. HISTORY OF THE SOFTWARE

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

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

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

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

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X-DNSBL: 0
Status: O
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Lines: 65

-----BEGIN PGP SIGNED MESSAGE-----

# This is a proof of posting certificate from
# stamper.itconsult.co.uk certifying that a user
# claiming to be:-
#      dlitz@dlitz.net
# requested that this message be sent to:-
#      crypt@bis.doc.gov
#      enc@nsa.gov
#      web_site@bis.doc.gov
#      pycrypto@lists.dlitz.net
#      PYTHON-CRYPTO@NIC.SURFNET.NL
#      dlitz@dlitz.net
#
# This certificate was issued at 00:45 (GMT)
# on Thursday 28 August 2008 with reference 0520978
#
# CAUTION: while the message may well be from the sender
# indicated in the "From:" header, the sender
# has NOT been authenticated by this service
#
# For information about the Stamper service see
# http://www.itconsult.co.uk/stamper.htm
#
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SUBMISSION TYPE: TSU
SUBMITTED BY: Dwayne C. Litzenberger
SUBMITTED FOR: Dwayne C. Litzenberger
POINT OF CONTACT: Dwayne C. Litzenberger
PHONE and/or FAX: +1-613-693-1296
MANUFACTURER: n/a
PRODUCT NAME/MODEL #: The Python Cryptography Toolkit ("PyCrypto")
ECCN: 5D002

NOTIFICATION: http://www.pycrypto.org/

Note: I am a Canadian citizen posting software to my website located in Canada. I am not certain whether PyCrypto contains enough US-origin cryptography to be covered by U.S. export controls, but I am submitting this anyway.

(Sorry for spamming the lists, but I want there to be a record of this.)

- --
  Dwayne C. Litzenberger <dlitz@dlitz.net>
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  Annual key (2008) - 4B2A FD82 FC7D 9E38 38D9 179F 1C11 B877 E780 4B45

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1.1038 python-dateutil 1.4.1 :6.el6

1.1038.1 Available under license :

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

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

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

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

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1.1039 python-dmidecode 3.10.13 :1.el6

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1.1042 python-glanceclient 0.8.0 :2.el6
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1.1043 python-gudev 147.1 :4.el6_0.1

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1.1044 python-iniparse 0.3.1 :2.1.el6
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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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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.
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1.1051 python-lxml_PSFv2.x 3.2.1 :4.el7

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen Python Labs team. In October of the same year, the Python Labs team moved to Digital Creations (see http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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### 1.1054 python-paramiko 1.7.5 :2.1.el6

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Ty Coon, President of Vice

That's all there is to it!

1.1055 python-ping NA
1.1055.1 Available under license:

A pure python ping implementation using raw socket.

Note that ICMP messages can only be sent from processes running as root.

Derived from ping.c distributed in Linux's netkit. That code is copyright (c) 1989 by The Regents of the University of California.
That code is in turn derived from code written by Mike Muuss of the US Army Ballistic Research Laboratory in December, 1983 and placed in the public domain. They have my thanks.

Bugs are naturally mine. I'd be glad to hear about them. There are certainly word - size dependencies here.

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Original Version from Matthew Dixon Cowles:

Rewrite by Jens Diemer:
-> http://www.python-forum.de/post-69122.html#69122

Revision history
~~~~~~~~~~~~~~~~

March 11, 2010
changes by Samuel Stauffer:
- replaced time.clock with default_timer which is set to time.clock on windows and time.time on other systems.

May 30, 2007
little rewrite by Jens Diemer:
- change socket asterisk import to a normal import
- replace time.time() with time.clock()
- delete "return None" (or change to "return" only)
- in checksum() rename "str" to "source_string"

November 22, 1997
Initial hack. Doesn't do much, but rather than try to guess what features I (or others) will want in the future, I've only put in what I need now.

December 16, 1997
For some reason, the checksum bytes are in the wrong order when this is run under Solaris 2.X for SPARC but it works right under Linux x86. Since I don't know just what's wrong, I'll swap the bytes always and then do an htons().

December 4, 2000
Changed the struct.pack() calls to pack the checksum and ID as unsigned. My thanks to Jerome Poincheval for the fix.
Januari 27, 2015
Changed receive response to not accept ICMP request messages.
It was possible to receive the very request that was sent.

Last commit info:
~~~~~~~~~~~~~~~
$LastChangedDate: $
$Rev: $
$Author: $

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Version 2, June 1991

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1.1056 python-pip 1.4.1

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1.1057 python-prettytable 0.6.1 :1.el6
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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

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least three years, to give the same user the materials
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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
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1.1059 python-pygments 1.1.1 :1.el6
1.1059.1 Available under license :

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1.1060 python-pygments_GPLv3 1.4 :9.el7
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(lp1
 (ccopy_reg
   _reconstructor
 p2
 (cpygments.token
   _TokenType
 p3
 c__builtin__
tuple


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5495
S'Class'
p115
ttRp116
dp117
g8
g9
((ltRp118
sg15
g100
sbatRp119
sg115
g116
sbsg8
g9
((dp120
g2
(g3
(g4
(g44
S'Decorator'
p121
ttRp122
dp123
g8
g9
((ltRp124
sg15
g45
sbag68
ag60
ag64
ag2
(g3
(g4
(g44
S'Namespace'
p125
ttRp126
dp127
g8
g9
((ltRp128
sg15
g45
sbag96
ag84
ag100
ag92
Open Source Used In SDWAN Network Hub Release 18.4
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5516
V# New ports collection makefile for:  python25
V# Date created:         3 July 2003
V# Whom:                 Hye-Shik Chang <perky@FreeBSD.org>
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5521
VPYTHON_WRKSRC

GNU_CONFIGURE

VCONFIGURE_TARGET
V../configure
p525
tp526
atg6
V
tp527
atg24
V# must be relative\u000a
p528
tp529
atg100
VCONFIGURE_ENV
p530
tp531
atg353
V=
tp532
atg6
V
tp533
atg100
VOPT
p534
tp535
atg353
V=
tp536
atg255
V"${CFLAGS}"\n
p537
tp538
atg6
V
tp539
atg100
VSVNVERSION
p540
tp541
atg353
V=
tp542
atg255
V"echo freebsd"\n
p543
tp544
atg6
V\u000a
atg000

Open Source Used In SDWAN Network Hub Release 18.4
5525
VMAKE_ENV
V= 

VVPATH
V="${PYTHON_WRKSRC}" 

VINSTALLS_SHLIB
V=yes 

VINSTALL_TARGET
VPYTHON_VERSION

python2.5

VPYTHON_NO_DEPENDS

VSHARED_WRKSRC
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5529
VPLIST_TEMPLATE

VPKGDIR

VPLIST_SUB

VPYVER
VPYTHON_VERSION

V:

V PYTHON VERSION

V:

V PYTHON

V:

V PYTHON_VERSION

V:

V PYTHON

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V PYTHON

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V:
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5532

...
V's.(idle|pydoc|python-shared|python),\u005c1${PYTHON_VER},'

V\u000a\u000a

V\u000a\u000a

V\u000a\u000a

V

V

V

V

V

V

V"Enable thread support"

V

V

V

V

V

V

V

V
VHUGE_STACK_SIZE

"Use a larger thread stack"

"Use UCS4 for unicode support"
Open Source Used In SDWAN Network Hub Release 18.4
V.include <bsd.port.pre.mk>

V_if ${PYTHON_VERSION} == ${PYTHON_DEFAULT_VERSION}

VMLINKS

V${PYTHON_VERSION}

V python.1

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Open Source Used In SDWAN Network Hub Release 18.4

V/u000a

tp861

a(g6

VPLIST_SUB+

p862

tp863

a(g353

V=

tp864

a(g6

V

tp865

a(g100

VIF_DEFAULT

p866

tp867

a(g353

V=

tp868

a(g255

V="

p869

tp870

a(g6

V/u000a

tp871

a(g27

V.else/u000a

p872

tp873

a(g6

V

tp874

a(g6

VPLIST_SUB+

p875

tp876

a(g353

V=

tp877

a(g6

V

tp878

a(g100

VIF_DEFAULT

p879

tp880

a(g353
V=
 tp881
 a|g255
 V"@comment "
 p882
 tp883
 a|g6
 V\u000a
 tp884
 a|g27
 V.endif\u000a
 p885
 tp886
 a|g6
 V\u000a
 tp887
 a|g24
 V# workaround for a bug in base curses.h\u000a
 p888
 tp889
 a|g6
 V
 tp890
 a|g6
 VCFLAGS+
 p891
 tp892
 a|g353
 V=
 tp893
 a|g6
 V
 tp894
 a|g6
 V-D__wchar_t
 p895
 tp896
 a|g353
 V=
 tp897
 a|g6
 Vwchar_t
 p898
 tp899
 a|g6
 V\u000a\u000a
 p900
 tp901
V
p904
a(g6
V
p902
tp903
a(g6
V
p903
a(g353
V=
tp907
a(g6
V
p905
tp906
a(g353
V=
tp907
a(g6
V
p909
tp910
a(g6
V\u000a
p911
a(g6
VCFLAGS+
V
p912
tp913
a(g353
V=
tp914
a(g6
V
p915
tp916
a(g138
V$
V
p917
tp918
a(g100
VPTHREAD_CFLAGS
p919
tp920
a(g138
V}
tp921
a(g6
V\u000a

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5543
if defined(WITHOUT_HUGE_STACK_SIZE)

V-DTHREAD_STACK_SIZE

0x20000

V

VCFLAGS+

5544
V
p943
tp944
a(g6
V-DTHREAD_STACK_SIZE
p945
tp946
a(g353
V=
 tp947
a(g6
V=0x100000
p948
tp949
a(g6
V=u000a
 tp950
a(g27
V.endif # defined(WITHOUT_HUGE_STACK_SIZE))u000a
p951
tp952
a(g6
V
 tp953
a(g6
VCONFIGURE_ENV+
p954
tp955
a(g353
V=
 tp956
a(g6
V
p957
tp958
a(g100
VLDFLAGS
p959
tp960
a(g353
V=
 tp961
a(g255
V"${PTHREAD_LIBS} ${LDFLAGS}" 
p962
tp963
a(g6
V\u000a
VCONFIGURE_ARGS+=
V=--without-threads
VLDFLAGS=V
V=
tp985
atg255
V"$\{LDFLAGS}\" 
tp986
tp987
atg6
V\u000a
tp988
atg27
V.endif # defined(LDFLAGS)/u000a 
tp989

V.endif # !defined(WITHOUT_THREADS)/u000a 
tp992


V.endif # !defined(WITHOUT_UCS4) & & !defined(WITH_UCS2)/u000a 
tp995

VCONFIGURE_ARGS+
tp998


V--enable-unicode 
tp1002

V=
tp1004
atg6
if defined(WITHOUT_PYMALLOC)

if ${ARCH} == i386

if defined(WITHOUT_PYMALLOC)
tp1026
a(g6
V
tp1027
a(g6
VPLIST_SUB+
p1028
tp1029
a(g353
V=
tp1030
a(g6
V
tp1031
a(g100
VX86_ONLY
p1032
tp1033
a(g353
V=
tp1034
a(g255
V
p1035
tp1036
a(g6
\\uu000a
tp1037
a(g27
V Filed\u000a
p1038
tp1039
a(g6
V
tp1040
a(g6
VPLIST_SUB+
p1041
tp1042
a(g353
V=
tp1043
a(g6
V
tp1044
a(g100
VX86_ONLY
p1045
tp1046
a(g353
V=
tp1047
a(g255
V"@comment "
p1048
tp1049
a(g6
V\u000a
p1050
a(g27
V.endif\u000a
p1051
tp1052
a(g6
V
p1053
a(g27
V.if ${ARCH} == amd64 || ${ARCH} == ia64 || ${ARCH} == sparc64 || ${ARCH} == alpha\u000a
p1054
tp1055
a(g6
V
p1056
a(g6
VPLIST_SUB+
p1057
tp1058
a(g353
V=
tp1059
a(g6
V
p1060
tp1061
a(g100
V32BIT_ONLY
p1062
tp1063
a(g353
V=
tp1064
a(g255
V"@comment "
p1065
tp1066
a(g6

V.if !defined(WITHOUT_IPV6)u000a

V CONFIGURE_ARGS+

V CONFIGURE_ARGS+

V --disable-ipv6

V --enable-ipv6

V.else

V
V
a(9100
VPLATFORMS
p1170
tp1171
a(353
V=
tp1172
a(6
Vplat-freebsd4
p1173
tp1174
a(6
V
tp1175
a(6
Vplat-freebsd5
p1176
tp1177
a(6
V
tp1178
a(6
Vplat-freebsd6
p1179
tp1180
a(6
V
u000a
tp1181
a(27
V
elif ${OSVERSION} >= 600000
p1182
tp1183
a(6
V
tp1184
a(100
VPLATFORMS
p1185
tp1186
a(353
V=
tp1187
a(6
Vplat-freebsd4
p1188
tp1189
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5557
Open Source Used In SDWAN Network Hub Release 18.4
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p1316
p1317
a(g6
V
p1318
a(g281
V1s.\.*\$\$\$\{PREFIX\}/bin/\${PYTHON_VERSION};

p1319

p1320
a(g6
V
p1321
a(g262
\Vu005c\u000a
p1322

p1323
a(g6
V
p1324

p1325
a(g138
V${\}

p1326

p1327
a(g100
VPATCH_WRKSRC

p1328

p1329
a(g138
V)

p1330
a(g6
V/Lib/smtpd.py

p1331

p1332
a(g6
V

p1333
a(g6
V>

p1334
a(g6
V

p1335
a(g138
V${\}

p1336

p1337
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5568

5568
 directors

V

V$\$

VSED

V}

V

V-e

V

V
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5572

V/Misc/python-config.in
Open Source Used In SDWAN Network Hub Release 18.4

5575
Open Source Used In SDWAN Network Hub Release 18.4

5576
V/Makefile
p1744
tp1745
a(g6
V\u000a\u000a
p1746
tp1747
a(g6
Vpre-build:
p1748
tp1749
a(g6
V\u000a
p1750
tp1751
a(g84
Vcd
p1752
tp1753
a(g6
V
tp1754
a(g138
V$}\n\p1755
tp1756
a(g100
VSHARED_WRKSRCP1757
p1758
a(g138
V}
tp1759
a(g6
V;
tp1760
a(g6
V
tp1761
a(g262
V\u005c\u000a
p1762
tp1763
a(g6
V
tp1764
a(g138
VS{
  p1765
tp1766
atg100
VSETENV
p1767
tp1768
atg138
V}
tp1769
atg6
V
tp1770
atg138
VS{
p1771
tp1772
atg100
VMAKE_ENV
p1773
tp1774
atg138
V}
tp1775
atg6
V
tp1776
atg138
VS{
p1777
tp1778
atg100
VMAKE
p1779
tp1780
atg138
V}
tp1781
atg6
V
tp1782
atg6
Vlib
p1783
tp1784
atg138
VS{
p1785
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5587
V/thon/thon-shared/
p1849
tp1850
a(g138
V}

V\u0000a\u000a
p1852
tp1853
a(g6
V\u0000a
tp1856
a(g27
V.pre-su-install:
p1854
tp1855
a(g6
V\u0000a
tp1857
p1858
a(g6
V
tp1859
a(g138
V${

p1860
tp1861
a(g100
VMKDIR
p1862
tp1863
a(g138
V}

V}

p1866
tp1867
a(g100
V\u0000a
p1868
tp1869
a(g138
V}
for file in IN.py regen\u000a
V.
V.
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post-install:

```bash
# install config providers

INSTALL_SCRIPT

WRKDIR
```
p2118
tp2119
at(g100
VPREFIX
p2120
tp2121
at(g138
V)

V}

at(g6
V/bin
p2123
tp2124
at(g6
V\u000a\u000a

V## shared version of executable and library\u000a
p2125
tp2126
at(g24
V

at(g6
V

at(g138
V$}
p2130
tp2131
at(g100
VINSTALL_PROGRAM
p2132
tp2133
at(g138
V)

V}

at(g6
V

at(g138
V$

VSHARED_WRKSRC
p2136
tp2137
at(g100
VSHARED_WRKSRC
p2138
tp2139
at(g138
V)
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5606
a(g100
VMANPREFIX
p2336
tp2337
a(g138
V}
tp2338
a(g6
V/man/man1
p2339
tp2340
a(g6
V/u000a
p2341
tp2342
a(g138
V${}
p2343
tp2344
a(g100
VINSTALL_MAN
p2345
tp2346
a(g138
V}
tp2347
a(g6
V

p2348
a(g138
V${}
p2349
tp2350
a(g100
VPYTHON_WRKSRCE
p2351
tp2352
a(g138
V}
tp2353
a(g6
V/Misc/python.man
p2354
tp2355
a(g6
V

p2356
a(g262
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5613
VS$
p2461
tp2462
ag6
VTARGET
p2463
tp2464
ag6
V
tp2465
ag100
V$
p2466
tp2467
ag6
Vf;
p2468
tp2469
ag6
V
tp2470
ag262
V\uu005c\uu000a
p2471
tp2472
ag6
V
tp2473
ag138
Vdone
p2474
tp2475
ag6
V\uu000a
tp2476
ag27
V.endif\uu000a
p2477
tp2478
ag6
V\uu000a
tp2479
ag27
V.if !defined(NOPORTDOCS)\uu000a
p2480
tp2481
ag6
V
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at(g6
V;
tp2604
at(g6
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tp2605
at(g138
VS{
p2606
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at(g100
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tp2609
at(g138
V}
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tp2614
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V-
tp2615
at(g353
V)
tp2616
at(g6
Vu000
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tp2617
at(g27
V.endi\u000
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tp2621
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1.1062 python-quantumclient 2.1.1
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1.1099 regexp 1.5 :4.4.el6

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1.1100 relaxng - datatype (java) 2.0011011E7

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1.1101 repeat-element 1.1.2

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1.1102 repeat-string 1.5.2

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1.1105 replace-ext 0.0.1

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1.1106 request 2.65.0

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 */

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1.1129 Scala-reflect 2.11.1

1.1130 Scala-stm_2.11 0.7

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* /

package javax.servlet.jsp.tagext;

import java.io.Reader;
import java.io.Writer;
import java.io.IOException;
import javax.servlet.jsp.*;

/**
 * A JspWriter subclass that can be used to process body evaluations so they can re-extracted later on.
 */

public abstract class BodyContent extends JspWriter {

  /**
   * Protected constructor.
   *
   * Unbounded buffer, no autoflushing.
   */

  protected BodyContent(JspWriter e) {
    super(UNBOUNDED_BUFFER, false);
    this.enclosingWriter = e;
  }
}
/**
 * Redefine flush().
 * It is not valid to flush.
 */

public void flush() throws IOException {
    throw new IOException("Illegal to flush within a custom tag");
}

/**
 * Clear the body.
 */

public void clearBody() {
    try {
        this.clear();
    } catch (IOException ex) {
        // TODO -- clean this one up.
        throw new Error("internal error!");
    }
}

/**
 * Return the value of this BodyContent as a Reader.
 * Note: this is after evaluation!! There are no scriptlets,
 * etc in this stream.
 * @returns the value of this BodyContent as a Reader
 */
public abstract Reader getReader();

/**
 * Return the value of the BodyContent as a String.
 * Note: this is after evaluation!! There are no scriptlets,
 * etc in this stream.
 * @returns the value of the BodyContent as a String
 */
public abstract String getString();

/**
 * Write the contents of this BodyContent into a Writer.
 * Subclasses are likely to do interesting things with the
 * implementation so some things are extra efficient.
 * @param out The writer into which to place the contents of
 * this body evaluation
 */
public abstract void writeOut(Writer out) throws IOException;

/**
 * Get the enclosing JspWriter
 *
 * @returns the enclosing JspWriter passed at construction time
 */

public JspWriter getEnclosingWriter() {
    return enclosingWriter;
}

/**
 * private fields
 */

private JspWriter enclosingWriter;

1.1145 set-immediate-shim 1.0.1
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the version number 2.1.]

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1.1147 setserial 2.17 :25.el6
1.1147.1 Available under license :

#!/bin/sh
# Attempt to guess a canonical system name.
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# the same distribution terms that you use for the rest of that program.

# Written by Per Bothner <bothner@cygnus.com>.
# The master version of this file is at the FSF in /home/gd/gnu/lib.
#
# This script attempts to guess a canonical system name similar to
# config.sub. If it succeeds, it prints the system name on stdout, and
# exits with 0. Otherwise, it exits with 1.
#
# The plan is that this can be called by configure scripts if you
# don't specify an explicit system type (host/target name).
#
# Only a few systems have been added to this list; please add others
# (but try to keep the structure clean).
#
#! /bin/sh
#
# install - install a program, script, or datafile
# This comes from X11R5 (mit/util/scripts/install.sh).
#
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#
# Calling this script install-sh is preferred over install.sh, to prevent
# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch.
#
/*
* include/linux/serial.h
*
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 */

package oauth.signpost.commonshttp;

import java.io.IOException;
import oauth.signpost.AbstractOAuthProvider;
import oauth.signpost.http.HttpRequest;

/**
 * This implementation uses the Apache Commons [@link HttpClient] 4.x HTTP
 * implementation to fetch OAuth tokens from a service provider. Android users
 * should use this provider implementation in favor of the default one, since
 * the latter is known to cause problems with Android's Apache Harmony
 * underpinnings.
 */
public class CommonsHttpOAuthProvider extends AbstractOAuthProvider {

private static final long serialVersionUID = 1L;

private transient HttpClient httpClient;

public CommonsHttpOAuthProvider(String requestTokenEndpointUrl, String accessTokenEndpointUrl,
        String authorizationWebsiteUrl) {
    super(requestTokenEndpointUrl, accessTokenEndpointUrl, authorizationWebsiteUrl);
    this.httpClient = new DefaultHttpClient();
}

public CommonsHttpOAuthProvider(String requestTokenEndpointUrl, String accessTokenEndpointUrl,
        String authorizationWebsiteUrl, HttpClient httpClient) {
    super(requestTokenEndpointUrl, accessTokenEndpointUrl, authorizationWebsiteUrl);
    this.httpClient = httpClient;
}

public void setHttpClient(HttpClient httpClient) {
    this.httpClient = httpClient;
}

@Override
protected HttpRequest createRequest(String endpointUrl) throws Exception {
    HttpPost request = new HttpPost(endpointUrl);
    return new HttpRequestAdapter(request);
}

@Override
protected oauth.signpost.http.HttpResponse sendRequest(HttpRequest request) throws Exception {
    HttpResponse response = httpClient.execute((HttpUriRequest) request.unwrap());
    return new HttpResponseAdapter(response);
}

@Override
protected void closeConnection(HttpRequest request, oauth.signpost.http.HttpResponse response)
    throws Exception {
    if (response != null) {
        HttpEntity entity = ((HttpResponse) response.unwrap()).getEntity();
        if (entity != null) {
            try {
                // free the connection
                entity.consumeContent();
            } catch (IOException e) {
                // this means HTTP keep-alive is not possible
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 */
package oauth.signpost;

import java.io.IOException;
import java.io.InputStream;
import java.util.Random;
import oauth.signpost.basic.UrlStringRequestAdapter;
import oauth.signpost.exception.OAuthCommunicationException;
import oauth.signpost.exception.OAuthExpectationFailedException;
import oauth.signpost.exception.OAuthMessageSignerException;
import oauth.signpost.http.HttpParameters;
import oauth.signpost.http.HttpRequest;
import oauth.signpost.signature.AuthorizationHeaderSigningStrategy;
import oauth.signpost.signature.HmacSha1MessageSigner;
import oauth.signpost.signature.OAuthMessageSigner;
import oauth.signpost.signature.QueryStringSigningStrategy;
import oauth.signpost.signature.SigningStrategy;

/**
 * ABC for consumer implementations. If you're developing a custom consumer you
 * will probably inherit from this class to save you a lot of work.
 * @author Matthias Kaeppler
 */
public abstract class AbstractOAuthConsumer implements OAuthConsumer {

    private static final long serialVersionUID = 1L;
    private String consumerKey, consumerSecret;
    private String token;
    private OAuthMessageSigner messageSigner;
    private SigningStrategy signingStrategy;

    // these are params that may be passed to the consumer directly (i.e.
    // without going through the request object)
    private HttpParameters additionalParameters;

    // these are the params which will be passed to the message signer
    private HttpParameters requestParameters;

    private boolean sendEmptyTokens;

    final private Random random = new Random(System.nanoTime());

    public AbstractOAuthConsumer(String consumerKey, String consumerSecret) {
        this.consumerKey = consumerKey;
        this.consumerSecret = consumerSecret;
        setMessageSigner(new HmacSha1MessageSigner());
        setSigningStrategy(new AuthorizationHeaderSigningStrategy());
    }

    public void setMessageSigner(OAuthMessageSigner messageSigner) {
        this.messageSigner = messageSigner;
        messageSigner.setConsumerSecret(consumerSecret);
    }

    public void setSigningStrategy(SigningStrategy signingStrategy) {
        this.signingStrategy = signingStrategy;
    }
}
public void setAdditionalParameters(HttpParameters additionalParameters) {
    this.additionalParameters = additionalParameters;
}

public synchronized HttpRequest sign(HttpRequest request) throws OAuthMessageSignerException,
    OAuthExpectationFailedException, OAuthCommunicationException {
    if (consumerKey == null) {
        throw new OAuthExpectationFailedException("consumer key not set");
    }
    if (consumerSecret == null) {
        throw new OAuthExpectationFailedException("consumer secret not set");
    }

    requestParameters = new HttpParameters();
    try {
        if (additionalParameters != null) {
            requestParameters.putAll(additionalParameters, false);
        }
        collectHeaderParameters(request, requestParameters);
        collectQueryParameters(request, requestParameters);
        collectBodyParameters(request, requestParameters);

        // add any OAuth params that haven't already been set
        completeOAuthParameters(requestParameters);

        requestParameters.remove(OAuth.OAUTH_SIGNATURE);
    } catch (IOException e) {
        throw new OAuthCommunicationException(e);
    }

    String signature = messageSigner.sign(request, requestParameters);
    OAuth.debugOut("signature", signature);
    signingStrategy.writeSignature(signature, request, requestParameters);
    OAuth.debugOut("Request URL", request.getRequestUrl());

    return request;
}

public synchronized HttpRequest sign(Object request) throws OAuthMessageSignerException,
    OAuthExpectationFailedException, OAuthCommunicationException {
    return sign(wrap(request));
}

public synchronized String sign(String url) throws OAuthMessageSignerException,
    OAuthExpectationFailedException, OAuthCommunicationException {
HttpRequest request = new UrlStringRequestAdapter(url);

// switch to URL signing
SigningStrategy oldStrategy = this.signingStrategy;
this.signingStrategy = new QueryStringSigningStrategy();

sign(request);

// revert to old strategy
this.signingStrategy = oldStrategy;

return request.getRequestUrl();

/**
 * Adapts the given request object to a Signpost HttpRequest. How
 * this is done depends on the consumer implementation.
 * @param request
 *        the native HTTP request instance
 * @return the adapted request
 */
protected abstract HttpRequest wrap(Object request);

public void setTokenWithSecret(String token, String tokenSecret) {
    this.token = token;
    messageSigner.setTokenSecret(tokenSecret);
}

public String getToken() {
    return token;
}

public String getTokenSecret() {
    return messageSigner.getTokenSecret();
}

public String getConsumerKey() {
    return this.consumerKey;
}

public String getConsumerSecret() {
    return this.consumerSecret;
}

/**
 * <p>
 * Helper method that adds any OAuth parameters to the given request
 * @param request
 * @param oauthParameters
 * @param type
 * @return
 * @throws
 */
protected HttpRequest addOAuthParameters(HttpRequest request, Map<String, String> oauthParameters, String type) throws Exception {
    // Implement method to add OAuth parameters to the request
}

public void setOAuthParameters(String token, String tokenSecret) {
    this.token = token;
    messageSigner.setTokenSecret(tokenSecret);
}

public String getOAuthToken() {
    return this.token;
}

public String getOAuthTokenSecret() {
    return messageSigner.getTokenSecret();
}

public String getOAuthConsumerKey() {
    return this.consumerKey;
}

public String getOAuthConsumerSecret() {
    return this.consumerSecret;
}
* parameters which are missing from the current request but required for
* signing. A good example is the oauth_nonce parameter, which is typically
* not provided by the client in advance.
* </p>
* </p>
* It's probably not a very good idea to override this method. If you want
* to generate different nonces or timestamps, override
* { @link #generateNonce()} or { @link #generateTimestamp()} instead.
* </p>
* */

protected void completeOAuthParameters(HttpParameters out) {
    if (!out.containsKey(OAuth.OAUTH_CONSUMER_KEY)) {
        out.put(OAuth.OAUTH_CONSUMER_KEY, consumerKey, true);
    }
    if (!out.containsKey(OAuth.OAUTH_SIGNATURE_METHOD)) {
        out.put(OAuth.OAUTH_SIGNATURE_METHOD, messageSigner.getSignatureMethod(), true);
    }
    if (!out.containsKey(OAuth.OAUTH_TIMESTAMP)) {
        out.put(OAuth.OAUTH_TIMESTAMP, generateTimestamp(), true);
    }
    if (!out.containsKey(OAuth.OAUTH_NONCE)) {
        out.put(OAuth.OAUTH_NONCE, generateNonce(), true);
    }
    if (!out.containsKey(OAuth.OAUTH_VERSION)) {
        out.put(OAuth.OAUTH_VERSION, OAuth.VERSION_1_0, true);
    }
    if (!out.containsKey(OAuth.OAUTH_TOKEN)) {
        if (token != null && !token.equals("") || sendEmptyTokens) {
            out.put(OAuth.OAUTH_TOKEN, token, true);
        }
    }
}

public HttpParameters getRequestParameters() {
    return requestParameters;
}

public void setSendEmptyTokens(boolean enable) {
    this.sendEmptyTokens = enable;
}

/**
 * Collects OAuth Authorization header parameters as per OAuth Core 1.0 spec
 * section 9.1.1
 */
protected void collectHeaderParameters(HttpRequest request, HttpParameters out) {
    HttpParameters headerParams =
    OAuth.oauthHeaderToParamsMap(request.getHeader(OAuth.HTTP_AUTHORIZATION_HEADER));
    out.putAll(headerParams, false);
}

/**
* Collects x-www-form-urlencoded body parameters as per OAuth Core 1.0 spec
* section 9.1.1
*/
protected void collectBodyParameters(HttpRequest request, HttpParameters out)
    throws IOException {
    // collect x-www-form-urlencoded body params
    String contentType = request.getContentType();
    if (contentType != null && contentType.startsWith(OAuth.FORM_ENCODED)) {
        InputStream payload = request.getMessagePayload();
        out.putAll(OAuth.decodeForm(payload), true);
    }
}

/**
* Collects HTTP GET query string parameters as per OAuth Core 1.0 spec
* section 9.1.1
*/
protected void collectQueryParameters(HttpRequest request, HttpParameters out) {
    String url = request.getRequestUrl();
    int q = url.indexOf('?');
    if (q >= 0) {
        // Combine the URL query string with the other parameters:
        out.putAll(OAuth.decodeForm(url.substring(q + 1)), true);
    }
}

protected String generateTimestamp() {
    return Long.toString(System.currentTimeMillis() / 1000L);
}

protected String generateNonce() {
    return Long.toString(random.nextLong());
}

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*/
package com.google.gdata.util.common.base;

/**
 * An object that converts literal text into a format safe for inclusion in a
 * particular context (such as an XML document). Typically (but not always), the
 * inverse process of "unescaping" the text is performed automatically by the
 * relevant parser.
 *
 * <p>For example, an XML escaper would convert the literal string \{@code
 * "Foo<Bar>"} into \{@code "Foo&lt;Bar&gt;"} to prevent \{@code "<Bar>"} from
 * being confused with an XML tag. When the resulting XML document is parsed,
 * the parser API will return this text as the original literal string \{@code
 * "Foo<Bar>"}.
 *
 * <p>An \{@code Escaper\} instance is required to be stateless, and safe when
 * used concurrently by multiple threads.
 *
 * <p>Several popular escapers are defined as constants in the class \{@link
 * CharEscapers\}. To create your own escapers, use \{@link
 * CharEscaperBuilder\}, or extend \{@link CharEscaper\} or \{@code UnicodeEscaper\}.
 *
 */

public interface Escaper {

 /**
 * Returns the escaped form of a given literal string.
 *
 * <p>Note that this method may treat input characters differently depending on
 * the specific escaper implementation.
 *
 * <i>[@link UnicodeEscaper] handles
 * \(<a href="http://en.wikipedia.org/wiki/UTF-16">UTF-16</a>\) correctly,
 * including surrogate character pairs. If the input is badly formed the
 * escaper should throw \{@link IllegalArgumentException\}.
 * \(<i>[@link CharEscaper] handles Java characters independently and does not
 * verify the input for well formed characters. A CharEscaper should not be
 * used in situations where input is not guaranteed to be restricted to the
 */

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 * limitations under the License.
 */
* Basic Multilingual Plane (BMP).
* </ul>
*
* @param string the literal string to be escaped
* @return the escaped form of { @code string }
* @throws NullPointerException if { @code string } is null
* @throws IllegalArgumentException if { @code string } contains badly formed
* UTF-16 or cannot be escaped for any other reason
*/
public String escape(String string);

/**
* Returns an { @code Appendable } instance which automatically escapes all
* text appended to it before passing the resulting text to an underlying
* { @code Appendable }.
*
* <p>Note that this method may treat input characters differently depending on
* the specific escaper implementation.
* </p>
* *
* @param out the underlying { @code Appendable } to append escaped output to
* @return an { @code Appendable } which passes text to { @code out } after
* escaping it.
*/
public Appendable escape(Appendable out);

**1.1162 simple-fmt 0.1.0**

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Gocode - A rich testing framework for Go

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

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1.1167 slf4j 1.7.6

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1.1168 SLF4J API Module 1.7.6

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1.1169 slf4j-api 1.7.11

1.1170 slf4j-api 1.7.12

1.1171 SnakeYAML 1.12

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```

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 ############################################################################*/
package org.snmp4j.util;
import java.text.*;
import org.snmp4j.smi.OctetString;
import org.snmp4j.smi.OID;
import java.util.StringTokenizer;

/**
 * The <code>SimpleOIDTextFormat</code> implements a simple textual
 * representation for object IDs as dotted string.
 * 
 * @author Frank Fock
 * @version 2.2
 * @since 1.10
 */
public class SimpleOIDTextFormat implements OIDTextFormat {

/**
 * Creates a simple OID text format.
 */
public SimpleOIDTextFormat() {
}

/**
 * Returns a textual representation of a raw object ID as dotted
 * string ("1.3.6.1.4").
 * 
 * @param value
 *    the OID value to format.
 * @return
 *    the textual representation.
 */
public static String formatOID(int[] value) {
    StringBuilder buf = new StringBuilder(3*value.length);
    for (int i=0; i<value.length; i++) {
        if (i != 0) {
            buf.append('.');
        }
        buf.append((value[i] & 0xFFFFFFFFL));
    }
    return buf.toString();
}

/**
 * Returns a textual representation of a raw object ID as dotted
 * string ("1.3.6.1.4").
 * 
 * @param value
 *    the OID value to format.
 * @return
* the textual representation.
*/
public String format(int[] value) {
return SimpleOIDTextFormat.formatOID(value);
}
/**
* Returns a textual representation of a raw object ID as dotted
* string ("1.3.6.1.4"). This method is the same as {@link #format(int[])}.
*
* @param value
* the OID value to format.
* @return
* the textual representation.
*/
public String formatForRoundTrip(int[] value) {
return format(value);
}

/**
* Parses a textual representation of an object ID as dotted string
* (e.g. "1.3.6.1.2.1.1") and returns its raw value.
*
* @param text
* a textual representation of an OID.
* @return
* the raw OID value.
* @throws ParseException
* if the OID cannot be parsed successfully.
*/
public static int[] parseOID(String text) throws ParseException {
StringTokenizer st = new StringTokenizer(text, ".", true);
int size = st.countTokens();
int[] value = new int[size];
size = 0;
StringBuffer buf = null;
while (st.hasMoreTokens()) {
String t = st.nextToken();
if ((buf == null) && t.startsWith("'")) {
buf = new StringBuffer();
t = t.substring(1);
}
if ((buf != null) && (t.endsWith("'"))) {
buf.append(t.substring(0, t.length()-1));
OID o = new OctetString(buf.toString()).toSubIndex(true);
int[] h = value;
value = new int[st.countTokens()+h.length+o.size()];

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System.arraycopy(h, 0, value, 0, size);
System.arraycopy(o.getValue(), 0, value, size, o.size());
size += o.size();
buf = null;
}
else if (buf != null) {
  buf.append(t);
}
else if (!".".equals(t)) {
  value[size++] = (int) Long.parseLong(t.trim());
}
}
if (size < value.length) {
  int[] h = value;
  value = new int[size];
  System.arraycopy(h, 0, value, 0, size);
}
return value;

/**
 * Parses a textual representation of an object ID as dotted string
 * (e.g. "1.3.6.1.2.1.1") and returns its raw value.
 * @param text
 *    a textual representation of an OID.
 * @return
 *    the raw OID value.
 * @throws ParseException
 *    if the OID cannot be parsed successfully.
 */
public int[] parse(String text) throws ParseException {
  return SimpleOIDTextFormat.parseOID(text);
}
package org.snmp4j.util;

import java.text.*;
import org.snmp4j.smi.*;
import org.snmp4j.SNMP4JSettings;

/**
 * The <code>SimpleVariableTextFormat</code> implements a simple textual
 * representation for SNMP variables based on their type only.
 * No MIB information is used (can be used).
 *
 * @author Frank Fock
 * @version 1.10
 * @since 1.10
 */

public class SimpleVariableTextFormat implements VariableTextFormat {

    /**
     * Creates a simple variable text format.
     */
    public SimpleVariableTextFormat() {
    }

    /**
     * Returns a textual representation of the supplied variable against the
     * optionally supplied instance OID.
     *
     * @param instanceOID the instance OID <code>variable</code> is associated
     * with. If <code>null</code> the formatting cannot take any MIB
     * specification of the variable into account and has to format it based
     * on its type only.
     * @param variable
     *    the variable to format.
     * @param withOID
     *    if <code>true</code> the <code>instanceOID</code> should be included
     *    in the textual representation to form a <code>VariableBinding</code>
     *    representation.
     * @return the textual representation.
     */
    public String format(OID instanceOID, Variable variable, boolean withOID) {
        return (withOID) ?
SNMP4JSettings.getOIDTextFormat().format(instanceOID.getValue())+
" = "+variable
: variable.toString();
}

/**
 * This operation is not supported by {@link SimpleVariableTextFormat}.
 * 
 * @param smiSyntax the SMI syntax identifier identifying the target
 * <code>Variable</code>.
 * @param text a textual representation of the variable.
 * @return the new <code>Variable</code> instance.
 * @throws ParseException if the variable cannot be parsed successfully.
 */
public Variable parse(int smiSyntax, String text) throws ParseException {
    Variable v = AbstractVariable.createFromSyntax(smiSyntax);
    if (v instanceof AssignableFromString) {
        ((AssignableFromString)v).setValue(text);
    }
    return v;
}

/**
 * This operation is not supported by {@link SimpleVariableTextFormat}.
 * 
 * @param classOrInstanceOID the instance OID <code>variable</code> is associated with. Must not be <code>null</code>.
 * @param text a textual representation of the variable.
 * @return the new <code>Variable</code> instance.
 * @throws ParseException if the variable cannot be parsed successfully.
 */
public Variable parse(OID classOrInstanceOID, String text) throws ParseException {
    throw new UnsupportedOperationException();
}

public VariableBinding parseVariableBinding(String text) throws ParseException {
    int assignmentPos = text.indexOf(" = ");
    if (assignmentPos <= 0) {
        throw new ParseException("Could not locate assignment ' = ' string in "+text, 0);
    }
    OID oid = new OID(SNMP4JSettings.getOIDTextFormat().
        parse(text.substring(0, assignmentPos));
    parse(text.substring(0, assignmentPos));};
Variable var = parse(oid, text.substring(assignmentPos+3));
return new VariableBinding(oid, var);
}

/* _############################################################################
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_## */
package org.snmp4j;

import java.io.IOException;
import java.util.*;
import org.snmp4j.asn1.*;
import org.snmp4j.event.*;
import org.snmp4j.log.*;
import org.snmp4j.mp.*;
import org.snmp4j.security.SecurityLevel;
import org.snmp4j.security.TsmSecurityStateReference;
import org.snmp4j.smi.*;
import java.nio.ByteBuffer;
import org.snmp4j.transport.UnsupportedAddressClassException;

/**
 * The <code>MessageDispatcherImpl</code> decodes and dispatches incoming
 * messages using [ @link MessageProcessingModel] instances and encodes
 * and sends outgoing messages using an appropriate [ @link TransportMapping]
 * instances.
 * <p>
 * The method [ @link #processMessage] will be called from a
 * <code>TransportMapping</code> whereas the method [ @link #sendPdu] will be
 * called by the application.
 * */
public class MessageDispatcherImpl implements MessageDispatcher {

    private static final LogAdapter logger = LogFactory.getLogger(MessageDispatcherImpl.class);

    private List<MessageProcessingModel> mpm = new ArrayList<MessageProcessingModel>(3);
    private Map<Class<? extends Address>, List<TransportMapping>> transportMappings =
        new Hashtable<Class<? extends Address>, List<TransportMapping>>(5);

    private int nextTransactionID = new Random().nextInt(Integer.MAX_VALUE-2)+1;
    private transient List<CommandResponder> commandResponderListeners;
    private transient List<CounterListener> counterListeners;
    private transient List<AuthenticationFailureListener> authenticationFailureListeners;

    private boolean checkOutgoingMsg = true;

    /**
     * Default constructor creates a message dispatcher without any associated
     * message processing models.
     */
    public MessageDispatcherImpl() {
    }

    /**
     * Adds a message processing model to this message dispatcher. If a message
     * processing model with the same ID as the supplied one already exists it
     * will not be changed. Please call {@link #removeMessageProcessingModel}
     * before to replace a message processing model.
     * @param model
     *    a MessageProcessingModel instance.
     */
    public synchronized void addMessageProcessingModel(MessageProcessingModel model) {
        while (mpm.size() <= model.getID()) {
            mpm.add(null);
        }
        if (mpm.get(model.getID()) == null) {
            mpm.set(model.getID(), model);
        }
    }
/**
 * Removes a message processing model from this message dispatcher.
 * @param model
 *    a previously added MessageProcessingModel instance.
 */
public synchronized void removeMessageProcessingModel(MessageProcessingModel model) {
    mpm.set(model.getID(), null);
}

/**
 * Adds a transport mapping. When an outgoing message is processed where
 * no specific transport mapping has been specified, then the
 * message dispatcher will use the transport mapping
 * that supports the supplied address class of the target.
 * @param transport
 *    a TransportMapping instance. If there is already another transport
 *    mapping registered that supports the same address class, then
 *    <code>transport</code> will be registered but not used for messages
 *    without specific transport mapping.
 */
@SuppressWarnings("unchecked")
public synchronized void addTransportMapping(TransportMapping transport) {
    List<TransportMapping> transports =
        transportMappings.get(transport.getSupportedAddressClass());
    if (transports == null) {
        transports = new LinkedList<TransportMapping>();
        transportMappings.put(transport.getSupportedAddressClass(), transports);
    }
    transports.add(transport);
}

/**
 * Removes a transport mapping.
 * @param transport
 *    a previously added TransportMapping instance.
 * @return
 *    the supplied TransportMapping if it has been successfully removed,
 *    <code>null</code>otherwise.
 */
public TransportMapping removeTransportMapping(TransportMapping transport) {
    List<? extends TransportMapping> tm =
        transportMappings.remove(transport.getSupportedAddressClass());
    if (tm != null) {
        if (tm.remove(transport)) {
            return transport;
        }
    }
}
public Collection<TransportMapping> getTransportMappings() {
    ArrayList<TransportMapping> l = new ArrayList<TransportMapping>(transportMappings.size());
    synchronized (transportMappings) {
        for (Iterator<List<TransportMapping>> it = transportMappings.values().iterator(); it.hasNext();) {
            List<? extends TransportMapping> tm = it.next();
            l.addAll(tm);
        }
    }
    return l;
}

public synchronized int getNextRequestID() {
    int nextID = nextTransactionID++;
    if (nextID <= 0) {
        nextID = 1;
        nextTransactionID = 2;
    }
    return nextID;
}

protected PduHandle createPduHandle() {
    return new PduHandle(getNextRequestID());
}

/**
 * Sends a message using the <code>TransportMapping</code> that has been
 * assigned for the supplied address type.
 *
 * @param transport
 *    the transport mapping to be used to send the message.
 * @param destAddress
 *    the transport address where to send the message. The
 *    <code>destAddress</code> must be compatible with the supplied
 *    <code>transport</code>.
 * @param message
 *    the SNMP message to send.
 * @throws IOException
 *    if an I/O error occurred while sending the message or if there is
 *    no transport mapping defined for the supplied address type.
 */
@SuppressWarnings("unchecked")
protected void sendMessage(TransportMapping transport,
   Address destAddress, byte[] message,
   TransportStateReference tmStateReference)
   throws IOException
{
   if (transport != null) {
      if (destAddress instanceof GenericAddress) {
         transport.sendMessage(((GenericAddress)destAddress).getAddress(), message, tmStateReference);
      }
      else {
         transport.sendMessage(destAddress, message, tmStateReference);
      }   
   }   
   else {
      String txt = "No transport mapping for address class: "+
                      destAddress.getClass().getName()+"="+destAddress;
      logger.error(txt);
      throw new IOException(txt);
   }  
}

/**
 * Returns a transport mapping that can handle the supplied address.
 * @param destAddress
 *    an Address instance.
 * @return
 *    a <code>TransportMapping</code> instance that can be used to sent
 *    a SNMP message to <code>destAddress</code> or <code>null</code> if
 *    such a transport mapping does not exists.
 * @since 1.6
 */
public TransportMapping getTransport(Address destAddress) {
   Class addressClass = destAddress.getClass();
   do {
      List<TransportMapping> l = transportMappings.get(addressClass);
      if (((l != null) && (l.size() > 0)) {
         return l.get(0);
      }
   } while ((addressClass = addressClass.getSuperclass()) != null);
   return null;
}

/**
 * Actually decodes and dispatches an incoming SNMP message using the supplied
protected void dispatchMessage(TransportMapping sourceTransport,  
MessageProcessingModel mp,  
Address incomingAddress,  
BERInputStream wholeMessage,  
TransportStateReference tmStateReference) throws IOException {
MutablePDU pdu = new MutablePDU();
Integer32 messageProcessingModel = new Integer32();
Integer32 securityModel = new Integer32();
OctetString securityName = new OctetString();
Integer32 securityLevel = new Integer32();
PduHandle handle = createPduHandle();

Integer32 maxSizeRespPDU =  
    new Integer32(sourceTransport.getMaxInboundMessageSize());
StatusInformation statusInfo = new StatusInformation();
MutableStateReference mutableStateReference = new MutableStateReference();
// add the transport mapping to the state reference to allow the MP to  
// return REPORTs on the same interface/port the message had been received.
StateReference stateReference = new StateReference();
stateReference.setTransportMapping(sourceTransport);
stateReference.setAddress(incomingAddress);
mutableStateReference.setStateReference(stateReference);

int status = mp.prepareDataElements(this, incomingAddress, wholeMessage,  
tmStateReference,  
messageProcessingModel, securityModel,  
securityName, securityLevel, pdu,  
handle, maxSizeRespPDU, statusInfo,  
mutableStateReference);
if (mutableStateReference.getStateReference() != null) {
    // make sure transport mapping is set
mutableStateReference.
    getStateReference().setTransportMapping(sourceTransport);
}
if (status == SnmpConstants.SNMP_ERROR_SUCCESS) {
    // dispatch it
    CommandResponderEvent e =
        new CommandResponderEvent(this,
            sourceTransport,
            incomingAddress,
            messageProcessingModel.getValue(),
            securityModel.getValue(),
            securityName.getValue(),
            securityLevel.getValue(),
            handle,
            pdu.getPdu(),
            maxSizeRespPDU.getValue(),
            mutableStateReference.getStateReference());
    fireProcessPdu(e);
} else {
    switch (status) {
        case SnmpConstants.SNMP_MP_UNSUPPORTED_SECURITY_MODEL: 
        case SnmpConstants.SNMPv3_USM_AUTHENTICATION_FAILURE: 
        case SnmpConstants.SNMPv3_USM_UNSUPPORTED_SECURITY_LEVEL: 
        case SnmpConstants.SNMPv3_USM_UNKNOWN_SECURITY_NAME: 
        case SnmpConstants.SNMPv3_USM_AUTHENTICATION_ERROR: 
        case SnmpConstants.SNMPv3_USM_NOT_IN_TIME_WINDOW: 
        case SnmpConstants.SNMPv3_USM_UNSUPPORTED_AUTHPROTOCOL: 
        case SnmpConstants.SNMPv3_USM_UNKNOWN_ENGINED: 
        case SnmpConstants.SNMP_MP_WRONG_USER_NAME: 
        case SnmpConstants.SNMPv3_TSM_INADEQUATE_SECURITY_LEVELS: 
        case SnmpConstants.SNMP_MP_USM_ERROR: {
            AuthenticationFailureEvent event =
                new AuthenticationFailureEvent(this, incomingAddress,
                    sourceTransport, status,
                    wholeMessage);
            fireAuthenticationFailure(event);
            break;
        }
        logger.warn("statusInfo="+statusInfo+, status="+status);
    }
}

public void processMessage(TransportMapping sourceTransport,
    Address incomingAddress,
    ByteBuffer wholeMessage,
    TransportStateReference tmStateReference) {
}
processMessage(sourceTransport, incomingAddress,
    new BERInputStream(wholeMessage),
    tmStateReference);
}

public void processMessage(TransportMapping sourceTransport,
    Address incomingAddress,
    BERInputStream wholeMessage,
    TransportStateReference tmStateReference) {
    fireIncrementCounter(new CounterEvent(this, SnmpConstants.snmpInPkts));
    if (!wholeMessage.markSupported()) {
        String txt = "Message stream must support marks";
        logger.error(txt);
        throw new IllegalArgumentException(txt);
    }
    try {
        wholeMessage.mark(16);
        BER.MutableByte type = new BER.MutableByte();
        // decode header but do not check length here, because we do only decode
        // the first 16 bytes.
        BER.decodeHeader(wholeMessage, type, false);
        if (type.getValue() != BER.SEQUENCE) {
            logger.error("ASN.1 parse error (message is not a sequence)");
            CounterEvent event = new CounterEvent(this,
                SnmpConstants.snmpInASNParseErrs);
            fireIncrementCounter(event);
        }
        Integer32 version = new Integer32();
        version.decodeBER(wholeMessage);
        MessageProcessingModel mp = getMessageProcessingModel(version.getValue());
        if (mp == null) {
            logger.warn("SNMP version "+version+" is not supported");
            CounterEvent event = new CounterEvent(this,
                SnmpConstants.snmpInBadVersions);
            fireIncrementCounter(event);
        } else {
            // reset it
            wholeMessage.reset();
            // dispatch it
            dispatchMessage(sourceTransport, mp, incomingAddress, wholeMessage, tmStateReference);
        }
    } catch (IOException iox) {
        iox.printStackTrace();
        logger.warn(iox);
        CounterEvent event =
            new CounterEvent(this, SnmpConstants.snmpInvalidMsgs);
fireIncrementCounter(event);
}
catch (Exception ex) {
    logger.error(ex);
    if (logger.isDebugEnabled()) {
        ex.printStackTrace();
    }
}
if (SNMP4JSettings.isForwardRuntimeExceptions()) {
    throw new RuntimeException(ex);
}
}
catch (OutOfMemoryError oex) {
    logger.error(oex);
    if (SNMP4JSettings.isForwardRuntimeExceptions()) {
        throw oex;
    }
}
}

public PduHandle sendPdu(Target target, PDU pdu, boolean expectResponse) throws MessageException {
    return sendPdu(null, target, pdu, expectResponse);
}

public PduHandle sendPdu(TransportMapping transport, Target target, PDU pdu, boolean expectResponse, PduHandleCallback<PDU> pduHandleCallback) throws MessageException {
    int messageProcessingModel = target.getVersion();
    Address transportAddress = target.getAddress();
    int securityModel = target.getSecurityModel();
    int securityLevel = target.getSecurityLevel();
    try {
        byte[] securityName = target.getSecurityName().getValue();
        MessageProcessingModel mp =
            getMessageProcessingModel(messageProcessingModel);
        if (mp == null) {
            throw new MessageException("Unsupported message processing model: "+
                messageProcessingModel, SnmpConstants.SNMP_MD_UNSUPPORTED_MP_MODEL);
        } if (!mp.isProtocolVersionSupported(messageProcessingModel)) {
            throw new MessageException("SNMP version "+messageProcessingModel+
                " is not supported "+
                "by message processing model "+
                messageProcessingModel);
        }
    }

messageProcessingModel,
SnmpConstants.SNMP_MD_UNSUPPORTED_SNMP_VERSION);

if (transport == null) {
    transport = getTransport(transportAddress);
}

if (transport == null) {
    throw new UnsupportedAddressClassException("Unsupported address class (transport mapping): "+
        transportAddress.getClass().getName(),
        transportAddress.getClass());
}

else if (pdu.isConfirmedPdu()) {
    checkListening4ConfirmedPDU(pdu, target.getAddress(), transport);
}

// check if contextEngineID discovery is needed

// check PDU type
checkOutgoingMsg(transportAddress, messageProcessingModel, pdu);

// if request ID is == 0 then create one here, otherwise use the request
// ID because it may be a resent request.
PduHandle pduHandle;
Integer32 reqID = pdu.getRequestID();
if (((reqID == null) || (reqID.getValue() == 0) &
    (pdu.getType() != PDU.RESPONSE)) {
    pduHandle = createPduHandle();
}
else {
    pduHandle = new PduHandle(pdu.getRequestID().getValue());
}

// assign request ID
if (pdu.getType() != PDU.V1TRAP) {
    pdu.setRequestID(new Integer32(pduHandle.getTransactionID()));
}

// parameters to receive
GenericAddress destAddress = new GenericAddress();

CertifiedIdentity certifiedIdentity = null;
if (target instanceof CertifiedIdentity) {
    certifiedIdentity = (CertifiedIdentity) target;
}

TransportStateReference tmStateReference =
    new TransportStateReference(transport,
configureAuthoritativeEngineID(target, mp);
BEROutputStream outgoingMessage = new BEROutputStream();
int status = mp.prepareOutgoingMessage(transportAddress,
    transport.getMaxInboundMessageSize(),
    messageProcessingModel,
    securityModel,
    securityName,
    securityLevel,
    pdu,
    expectResponse,
    pduHandle,
    destAddress,
    outgoingMessage,
    tmStateReference);

if (status == SnmpConstants.SNMP_ERROR_SUCCESS) {
    // inform callback about PDU new handle
    if (pduHandleCallback != null) {
        pduHandleCallback.pduHandleAssigned(pduHandle, pdu);
    }
    byte[] messageBytes = outgoingMessage.getBuffer().array();
    sendMessage(transport, transportAddress, messageBytes, tmStateReference);
} else {
    throw new MessageException("Message processing model "+
        mp.getID()+" returned error: "+
        SnmpConstants.mpErrorMessage(status), status);
}
return pduHandle;
}
catch (IndexOutOfBoundsException iobex) {
    throw new MessageException("Unsupported message processing model: ",
        messageProcessingModel, SnmpConstants.SNMP_MD_UNSUPPORTED_MP_MODEL,
        iobex);
}
catch (MessageException mex) {
    if (logger.isDebugEnabled()) {
        mex.printStackTrace();
    }
    throw mex;
}
catch (IOException iox) {
    throw iox;
}
if (logger.isDebugEnabled()) {
    iox.printStackTrace();
}
throw new MessageException(iox.getMessage(), SnmpConstants.SNMP_MD_ERROR, iox);
}
}

protected void configureAuthoritativeEngineID(Target target, MessageProcessingModel mp) {
    if (((target instanceof UserTarget) && (mp instanceof MPv3)) {
        UserTarget userTarget = (UserTarget)target;
        if ((userTarget.getAuthoritativeEngineID() != null) && (userTarget.getAuthoritativeEngineID().length > 0)) {
            ((MPv3)mp).addEngineID(target.getAddress(), new OctetString(userTarget.getAuthoritativeEngineID()));
        }
    }
}

private static void checkListening4ConfirmedPDU(PDU pdu, Address target,
        TransportMapping transport) {
    if ((transport != null) && (!transport.isListening())) {
        logger.warn("Sending confirmed PDU "+pdu+" to target "+target+
                " although transport mapping "+transport+
                " is not listening for a response");
    }
}

/**
 * Checks outgoing messages for consistency between PDU and target used.
 * @param transportAddress
 *    the target address.
 * @param messageProcessingModel
 *    the message processing model to be used.
 * @param pdu
 *    the PDU to be sent.
 * @throws MessageException
 *    if unrecoverable inconsistencies have been detected.
 */
protected void checkOutgoingMsg(Address transportAddress,
        int messageProcessingModel, PDU pdu)
        throws MessageException {
    if (checkOutgoingMsg) {
        if (messageProcessingModel == MessageProcessingModel.MPv1 || SNMP4JSettings.isNoGetBulk()) {
            if (pdu.getType() == PDU.GETBULK) {
                if (messageProcessingModel == MessageProcessingModel.MPv1) {
                    logger.warn("Converting GETBULK PDU to GETNEXT for SNMPv1 target: "+transportAddress);
                } else {
                    logger.info("Converting GETBULK PDU to GETNEXT for target: "+transportAddress);
public int returnResponsePdu(int messageProcessingModel,
        int securityModel,
        byte[] securityName,
        int securityLevel,
        PDU pdu,
        int maxSizeResponseScopedPDU,
        StateReference stateReference,
        StatusInformation statusInformation)
    throws MessageException
    {
        try {
            MessageProcessingModel mp =
                getMessageProcessingModel(messageProcessingModel);
            if (mp == null) {
                throw new MessageException("Unsupported message processing model: ",
                        messageProcessingModel, SnmpConstants.SNMP_MD_UNSUPPORTED_MP_MODEL);
            }
            TransportMapping transport = stateReference.getTransportMapping();
            if (transport == null) {
                transport = getTransport(stateReference.getAddress());
            }
            if (transport == null) {
                throw new MessageException("Unsupported address class (transport mapping): ",
                        stateReference.getAddress().getClass().getName(),
                        SnmpConstants.SNMP_MD_UNSUPPORTED_ADDRESS_CLASS);
            }
            BEROutputStream outgoingMessage = new BEROutputStream();
            int status = mp.prepareResponseMessage(messageProcessingModel,
                    transport.getMaxInboundMessageSize(),
                    securityModel,
                    securityName, securityLevel, pdu,
                    maxSizeResponseScopedPDU,
                    stateReference,
                    statusInformation,
                    outgoingMessage);
            if (status == SnmpConstants.SNMP_MP_OK) {
                TransportStateReference tmStateReference = null;
            }
        } catch (Exception e) {
            throw new MessageException("Unknown error: ", e.getMessage(),
                    SnmpConstants.SNMP_MP_ERROR_RESPONSE;
        } finally {
            if (outgoingMessage != null) {
                try {
                    outgoingMessage.close();
                } catch (IOException e) {
                    throw new MessageException("Unable to close outgoing message ",
                            e.getMessage(), SnmpConstants.SNMP_MP_ERROR_RESPONSE);
                }
            }
        }
    }
if (stateReference.getSecurityStateReference() instanceof TsmSecurityStateReference) {
    tmStateReference = ((TsmSecurityStateReference)
        stateReference.getSecurityStateReference()).getTmStateReference();
    sendMessage(transport,
        stateReference.getAddress(),
        outgoingMessage.getBuffer().array(),
        tmStateReference);
    return status;
}

catch (ArrayIndexOutOfBoundsException aex) {
    throw new MessageException("Unsupported message processing model: "+
        messageProcessingModel, SnmpConstants.SNMP_MD_UNSUPPORTED_MP_MODEL,
        aex);
}

catch (IOException iox) {
    throw new MessageException(iox.getMessage(), SnmpConstants.SNMP_MD_ERROR, iox);
}

public void releaseStateReference(int messageProcessingModel,
        PduHandle pduHandle) {
    MessageProcessingModel mp = getMessageProcessingModel(messageProcessingModel);
    if (mp == null) {
        throw new IllegalArgumentException("Unsupported message processing model: "+
            messageProcessingModel);
    }
    mp.releaseStateReference(pduHandle);
}

public synchronized void removeCommandResponder(CommandResponder l) {
    if (commandResponderListeners != null && commandResponderListeners.contains(l)) {
        commandResponderListeners.remove(l);
    }
}

public synchronized void addCommandResponder(CommandResponder l) {
    if (commandResponderListeners == null) {
        commandResponderListeners = new Vector<CommandResponder>(2);
    }
    if (!commandResponderListeners.contains(l)) {
        commandResponderListeners.add(l);
    }
}

/**
* Fires a <code>CommandResponderEvent</code>. Listeners are called
protected void fireProcessPdu(CommandResponderEvent e) {
    if (commandResponderListeners != null) {
        List<CommandResponder> listeners = commandResponderListeners;
        for (CommandResponder listener : listeners) {
            listener.processPdu(e);
            // if event is marked as processed the event is not forwarded to
            // remaining listeners
            if (e.isProcessed()) {
                return;
            }
        }
    }
}

/**
* Gets the <code>MessageProcessingModel</code> for the supplied message
* processing model ID.
*
* @param messageProcessingModel
*    a message processing model ID
*    (see { @link MessageProcessingModel#getId()}).
* @return
*    a MessageProcessingModel instance if the ID is known, otherwise
*    <code>null</code>
*/
public MessageProcessingModel getMessageProcessingModel(int messageProcessingModel) {
    try {
        return mpm.get(messageProcessingModel);
    } catch (IndexOutOfBoundsException iobex) {
        return null;
    }
}

/**
* Removes a <code>CounterListener</code>.
* @param counterListener
*    a previously added <code>CounterListener</code>.
*/
public synchronized void removeCounterListener(CounterListener counterListener) {
    if (counterListeners != null && counterListeners.contains(counterListener)) {
        counterListeners.remove(counterListener);
    }
}
/**
 * Adds a <code>CounterListener</code>.
 * @param counterListener
 *    a <code>CounterListener</code> that will be informed when a counter
 *    needs to be incremented.
 */
public synchronized void addCounterListener(CounterListener counterListener) {
    if (counterListeners == null) {
        counterListeners = new Vector<CounterListener>(2);
    }
    if (!counterListeners.contains(counterListener)) {
        counterListeners.add(counterListener);
    }
}

/**
 * Fires a counter incrementation event.
 * @param event
 *    the <code>CounterEvent</code> containing the OID of the counter
 *    that needs to be incremented.
 */
protected void fireIncrementCounter(CounterEvent event) {
    if (counterListeners != null) {
        for (CounterListener cl : counterListeners) {
            cl.incrementCounter(event);
        }
    }
}

/**
 * Enables or disables the consistency checks for outgoing messages.
 * If the checks are enabled, then GETBULK messages sent to SNMPv1
 * targets will be converted to GETNEXT messages.
 * <p>
 * In general, if an automatically conversion is not possible, an
 * error is thrown when such a message is to be sent.
 * <p>
 * The default is consistency checks enabled.
 *
 * @param checkOutgoingMsg
 *    if <code>true</code> outgoing messages are checked for consistency.
 *    Currently, only the PDU type will be checked against the used SNMP
 *    version. If <code>false</code>, no checks will be performed.
 */
public void setCheckOutgoingMsg(boolean checkOutgoingMsg) {
    this.checkOutgoingMsg = checkOutgoingMsg;
/**
 * Returns whether consistency checks for outgoing messages are activated.
 * @return if <code>true</code> outgoing messages are checked for consistency.
 * If <code>false</code>, no checks are performed.
 */
public boolean isCheckOutgoingMsg() {
    return checkOutgoingMsg;
}

/**
 * Adds a listener for authentication failure events caused by unauthenticated
 * incoming messages.
 * @param l the <code>AuthenticationFailureListener</code> to add.
 * @since 1.5
 */
public synchronized void addAuthenticationFailureListener(
    AuthenticationFailureListener l) {
    if (authenticationFailureListeners == null) {
        authenticationFailureListeners = new Vector<AuthenticationFailureListener>(2);
    }
    if (!authenticationFailureListeners.contains(l)) {
        authenticationFailureListeners.add(l);
    }
}

/**
 * Removes an <code>AuthenticationFailureListener</code>.
 * @param l the <code>AuthenticationFailureListener</code> to remove.
 */
public synchronized void removeAuthenticationFailureListener(
    AuthenticationFailureListener l) {
    if (authenticationFailureListeners != null &&
        authenticationFailureListeners.contains(l)) {
        authenticationFailureListeners.remove(l);
    }
}

/**
 * Fires an <code>AuthenticationFailureEvent</code> to all registered
 * listeners.
 * @param event the event to fire.
 */
protected void fireAuthenticationFailure(AuthenticationFailureEvent event) {
    if (authenticationFailureListeners != null) {
        List<AuthenticationFailureListener> listeners = authenticationFailureListeners;
        for (AuthenticationFailureListener listener : listeners) {
            listener.authenticationFailure(event);
        }
    }
}

public PduHandle sendPdu(TransportMapping transportMapping,
                          Target target,
                          PDU pdu,
                          boolean expectResponse) throws MessageException {
    return sendPdu(transportMapping, target, pdu, expectResponse, null);
}

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 */

package org.springframework.aop.aspectj.annotation;

import java.lang.reflect.Method;

import org.aopalliance.aop.Advice;
import org.aspectj.lang.reflect.PerClauseKind;
import org.springframework.aop.Pointcut;
import org.springframework.aop.aspectj.AspectJExpressionPointcut;
import org.springframework.aop.aspectj.AspectJPrecedenceInformation;
import org.springframework.aop.aspectj.InstantiationModelAwarePointcutAdvisor;
import org.springframework.aop.support.DynamicMethodMatcherPointcut;
import org.springframework.aop.support.Pointcuts;

/**
 * Internal implementation of AspectJPointcutAdvisor.
 * Note that there will be one instance of this advisor for each target method.
 */

class InstantiationModelAwarePointcutAdvisorImpl
implements InstantiationModelAwarePointcutAdvisor, AspectJPrecedenceInformation {

private final AspectJExpressionPointcut declaredPointcut;

private Pointcut pointcut;

private final Method method;

private final int declarationOrder;

private String aspectName;

private final AspectJAdvisorFactory atAspectJAdvisorFactory;

private Advice instantiatedAdvice;

public InstantiationModelAwarePointcutAdvisorImpl(AspectJAdvisorFactory af,
                                                AspectJExpressionPointcut ajexp,
                                                MetadataAwareAspectInstanceFactory aif,
                                                Method method, int declarationOrderInAspect, String aspectName) {

    this.declaredPointcut = ajexp;
    this.method = method;
    this.atAspectJAdvisorFactory = af;
    this.aspectInstanceFactory = aif;
}
this.declarationOrder = declarationOrderInAspect;
this.aspectName = aspectName;

if (aif.getAsp

this.declarationOrder = declarationOrderInAspect;
this.aspectName = aspectName;

if (aif.getAspectMetadata().isLazilyInstantiated()) {
    // Static part of the pointcut is a lazy type.
    Pointcut preInstantiationPointcut = Pointcuts.union(aif.getAspectMetadata().getPerClausePointcut(), this.declaredPointcut);

    // Make it dynamic: must mutate from pre-instantiation to post-instantiation state.
    // If it's not a dynamic pointcut, it may be optimized out
    // by the Spring AOP infrastructure after the first evaluation.
    this.pointcut = new PerTargetInstantiationModelPointcut(this.declaredPointcut, preInstantiationPointcut, aif);
    this.lazy = true;
} else {
    // A singleton aspect.
    this.instantiatedAdvice = instantiateAdvice(this.declaredPointcut);
    this.pointcut = declaredPointcut;
    this.lazy = false;
}

/**
 * The pointcut for Spring AOP to use. Actual behaviour of the pointcut will change
 * depending on the state of the advice.
 */
public Pointcut getPointcut() {
    return this.pointcut;
}

/**
 * This is only of interest for Spring AOP: AspectJ instantiation semantics
 * are much richer. In AspectJ terminology, all a return of <code>true</code>
 * means here is that the aspect is not a SINGLET
 * 
 */
public boolean isPerInstance() {
    return (getAspectMetadata().getAjType().getPerClause().getKind() != PerClauseKind.SINGLETON);
}

/**
 * Return the AspectJ AspectMetadata for this advisor.
 */
public AspectMetadata getAspectMetadata() {
    return this.aspectInstanceFactory.getAspectMetadata();
}

/**
/* Lazily instantiate advice if necessary. */

public synchronized Advice getAdvice() {
    if (this.instantiatedAdvice == null) {
        this.instantiatedAdvice = instantiateAdvice(this.declaredPointcut);
    }
    return this.instantiatedAdvice;
}

public boolean isLazy() {
    return this.lazy;
}

public synchronized boolean isAdviceInstantiated() {
    return (this.instantiatedAdvice != null);
}

private Advice instantiateAdvice(AspectJExpressionPointcut pcut) {
    return this.atAspectJAdvisorFactory.getAdvice(
        this.method, pcut, this.aspectInstanceFactory, this.declarationOrder, this.aspectName);
}

public MetadataAwareAspectInstanceFactory getAspectInstanceFactory() {
    return this.aspectInstanceFactory;
}

public AspectJExpressionPointcut getDeclaredPointcut() {
    return this.declaredPointcut;
}

public int getOrder() {
    return this.aspectInstanceFactory.getOrder();
}

public String getAspectName() {
    return this.aspectName;
}

public int getDeclarationOrder() {
    return this.declarationOrder;
}

public boolean isBeforeAdvice() {
    if (this.isBeforeAdvice == null) {
        determineAdviceType();
    }
    return this.isBeforeAdvice;
public boolean isAfterAdvice() {
    if (this.isAfterAdvice == null) {
        determineAdviceType();
    }
    return this.isAfterAdvice;
}

/**
 * Duplicates some logic from getAdvice, but importantly does not force
 * creation of the advice.
 */
private void determineAdviceType() {
    AspectJAnnotation<?> aspectJAnnotation =
    AbstractAspectJAdvisorFactory.findAspectJAnnotationOnMethod(this.method);
    if (aspectJAnnotation == null) {
        this.isBeforeAdvice = false;
        this.isAfterAdvice = false;
    } else {
        switch (aspectJAnnotation.getAnnotationType()) {
        case AtAfter:
        case AtAfterReturning:
        case AtAfterThrowing:
            this.isAfterAdvice = true;
            this.isBeforeAdvice = false;
            break;
        case AtAround:
        case AtPointcut:
            this.isAfterAdvice = false;
            this.isBeforeAdvice = false;
            break;
        case AtBefore:
            this.isAfterAdvice = false;
            this.isBeforeAdvice = true;
            break;
        }
    }
}

@Override
public String toString() {
    return "InstantiationModelAwarePointcutAdvisor: expression [" + getDeclaredPointcut().getExpression() + "]; advice method [" + this.method + "]; perClauseKind=" +
    this.aspectInstanceFactory.getAspectMetadata().getAjType().getPerClause().getKind();
}
/**
 * Pointcut implementation that changes its behaviour when the advice is instantiated.
 * Note that this is a <i>dynamic</i> pointcut. Otherwise it might
 * be optimized out if it does not at first match statically.
 */
private class PerTargetInstantiationModelPointcut extends DynamicMethodMatcherPointcut {

private final AspectJExpressionPointcut declaredPointcut;

private final Pointcut preInstantiationPointcut;

private LazySingletonAspectInstanceFactoryDecorator aspectInstanceFactory;

private PerTargetInstantiationModelPointcut(AspectJExpressionPointcut declaredPointcut,
Pointcut preInstantiationPointcut, MetadataAwareAspectInstanceFactory aspectInstanceFactory) {
this.declaredPointcut = declaredPointcut;
this.preInstantiationPointcut = preInstantiationPointcut;
if (aspectInstanceFactory instanceof LazySingletonAspectInstanceFactoryDecorator) {
    this.aspectInstanceFactory = (LazySingletonAspectInstanceFactoryDecorator) aspectInstanceFactory;
}
}

@Override
public boolean matches(Method method, Class targetClass) {
// We're either instantiated and matching on declared pointcut, or uninstantiated matching on either pointcut
return (isAspectMaterialized() && this.declaredPointcut.matches(method, targetClass)) ||
this.preInstantiationPointcut.getMethodMatcher().matches(method, targetClass);
}

public boolean matches(Method method, Class targetClass, Object[] args) {
// This can match only on declared pointcut.
return (isAspectMaterialized() && this.declaredPointcut.matches(method, targetClass));
}

private boolean isAspectMaterialized() {
return (this.aspectInstanceFactory == null || this.aspectInstanceFactory.isMaterialized());
}

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package org.springframework.aop.aspectj.annotation;

import org.springframework.aop.aspectj.SimpleAspectInstanceFactory;
import org.springframework.core.Ordered;
import org.springframework.core.annotation.Order;

/**
 * Implementation of {@link MetadataAwareAspectInstanceFactory} that
 * creates a new instance of the specified aspect class for every
 * '{@link #getAspectInstance()} call.
 *
 * @author Juergen Hoeller
 * @since 2.0.4
 */

public class SimpleMetadataAwareAspectInstanceFactory extends SimpleAspectInstanceFactory
  implements MetadataAwareAspectInstanceFactory {

  private final AspectMetadata metadata;

  /**
   * Create a new SimpleMetadataAwareAspectInstanceFactory for the given aspect class.
   * @param aspectClass the aspect class
   * @param aspectName the aspect name
   */
  public SimpleMetadataAwareAspectInstanceFactory(Class aspectClass, String aspectName) {
    super(aspectClass);
    this.metadata = new AspectMetadata(aspectClass, aspectName);
  }

  public final AspectMetadata getAspectMetadata() {
    return this.metadata;
  }

  /**
   * Determine a fallback order for the case that the aspect instance
   * does not express an instance-specific order through implementing
* the { @link org.springframework.core.Ordered} interface.
* <p>The default implementation simply returns <code>Ordered.LOWEST_PRECEDENCE</code>.
* @param aspectClass the aspect class
*/
@Override
protected int getOrderForAspectClass(Class<? super AspectInstanceFactory> aspectClass) {
Order order = aspectClass.getAnnotation(Order.class);
if (order != null) {
    return order.value();
}
return Ordered.LOWEST_PRECEDENCE;
}

package org.springframework.aop.aspectj;
import org.springframework.aop.framework.AopConfigException;
import org.springframework.core.Ordered;
import org.springframework.util.Assert;

/**
 * Implementation of { @link AspectInstanceFactory} that creates a new instance
 * of the specified aspect class for every { @link #getAspects()} call.
 *
 * @author Juergen Hoeller
 * @since 2.0.4
 */
public class SimpleAspectInstanceFactory implements AspectInstanceFactory {

    private final Class aspectClass;


/**
 * Create a new SimpleAspectInstanceFactory for the given aspect class.
 * @param aspectClass the aspect class
 */
public SimpleAspectInstanceFactory(Class aspectClass) {
    Assert.notNull(aspectClass, "Aspect class must not be null");
    this.aspectClass = aspectClass;
}

/**
 * Return the specified aspect class (never <code>null</code>.
 */
public final Class getAspectClass() {
    return this.aspectClass;
}

public final Object getAspectInstance() {
    try {
        return this.aspectClass.newInstance();
    } catch (InstantiationException ex) {
        throw new AopConfigException("Unable to instantiate aspect class ", ex);
    } catch (IllegalAccessException ex) {
        throw new AopConfigException("Cannot access element class ", ex);
    }
}

public ClassLoader getAspectClassLoader() {
    return this.aspectClass.getClassLoader();
}

/**
 * Determine the order for this factory's aspect instance,
 * either an instance-specific order expressed through implementing
 * the {@link org.springframework.core.Ordered} interface,
 * or a fallback order.
 * @see org.springframework.core.Ordered
 * @see #getOrderForAspectClass
 */
public int getOrder() {
    return getOrderForAspectClass(this.aspectClass);
}

/**
 * Determine a fallback order for the case that the aspect instance
 * does not express an instance-specific order through implementing
* the {@link org.springframework.core.Ordered} interface.
* <p>The default implementation simply returns <code>Ordered.LOWEST_PRECEDENCE</code>.
* @param aspectClass the aspect class
*/
protected int getOrderForAspectClass(Class<?> aspectClass) {
    return Ordered.LOWEST_PRECEDENCE;
}

package org.springframework.aop.config;
import org.springframework.aop.aspectj.AspectInstanceFactory;
import org.springframework.beans.factory.BeanFactory;
import org.springframework.beans.factory.BeanFactoryAware;
import org.springframework.core.Ordered;
import org.springframework.util.StringUtils;

/**
 * Implementation of {@link AspectInstanceFactory} that locates the aspect from the
 * {@link org.springframework.beans.factory.BeanFactory} using a configured bean name.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
 */
public class SimpleBeanFactoryAwareAspectInstanceFactory implements AspectInstanceFactory,
    BeanFactoryAware {
    private String aspectBeanName;
private BeanFactory beanFactory;

/**
 * Set the name of the aspect bean. This is the bean that is returned when calling
 * {link #getAspectInstance()}. 
 */
public void setAspectBeanName(String aspectBeanName) {
    this.aspectBeanName = aspectBeanName;
}

public void setBeanFactory(BeanFactory beanFactory) {
    this.beanFactory = beanFactory;
    if (!StringUtils.hasText(this.aspectBeanName)) {
        throw new IllegalArgumentException("'aspectBeanName' is required");
    }
}

/**
 * Look up the aspect bean from the {link BeanFactory} and returns it.
 * @see #setAspectBeanName
 */
public Object getAspectInstance() {
    return this.beanFactory.getBean(this.aspectBeanName);
}

public ClassLoader getAspectClassLoader() {
    if (this.beanFactory instanceof ConfigurableBeanFactory) {
        return ((ConfigurableBeanFactory) this.beanFactory).getBeanClassLoader();
    }
    else {
        return ClassUtils.getDefaultClassLoader();
    }
}

public int getOrder() {
    if (this.beanFactory.isSingleton(this.aspectBeanName) &&
            this.beanFactory.isTypeMatch(this.aspectBeanName, Ordered.class)) {
        return ((Ordered) this.beanFactory.getBean(this.aspectBeanName)).getOrder();
    }
    return Ordered.LOWEST_PRECEDENCE;
}

/*
 * Copyright 2002-2007 the original author or authors.
 */
package org.springframework.aop.interceptor;

import org.aopalliance.intercept.MethodInvocation;
import org.apache.commons.logging.Log;

/**
 * Simple AOP Alliance <code>MethodInterceptor</code> that can be introduced
 * in a chain to display verbose trace information about intercepted method
 * invocations, with method entry and method exit info.
 *<p>
 * Consider using <code>CustomizableTraceInterceptor</code> for more
 * advanced needs.
 *
 * @author Dmitriy Kopylenko
 * @author Juergen Hoeller
 * @since 1.2
 * @see CustomizableTraceInterceptor
 */
public class SimpleTraceInterceptor extends AbstractTraceInterceptor {

/**
 * Create a new SimpleTraceInterceptor with a static logger.
 */
public SimpleTraceInterceptor() {
}

/**
 * Create a new SimpleTraceInterceptor with dynamic or static logger,
 * according to the given flag.
 * @param useDynamicLogger whether to use a dynamic logger or a static logger
 * @see #setUseDynamicLogger
 */
public SimpleTraceInterceptor(boolean useDynamicLogger) {
setUseDynamicLogger(useDynamicLogger);
}
```java
@Override
protected Object invokeUnderTrace(MethodInvocation invocation, Log logger) throws Throwable {
    String invocationDescription = getInvocationDescription(invocation);
    logger.trace("Entering " + invocationDescription);
    try {
        Object rval = invocation.proceed();
        logger.trace("Exiting " + invocationDescription);
        return rval;
    } catch (Throwable ex) {
        logger.trace("Exception thrown in " + invocationDescription, ex);
        throw ex;
    }
}

/**
 * Return a description for the given method invocation.
 * @param invocation the invocation to describe
 * @return the description
 */
protected String getInvocationDescription(MethodInvocation invocation) {
    return "method '" + invocation.getMethod().getName() + "' of class ['" +
    invocation.getThis().getClass().getName() + "]";
}

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 * limitations under the License.
 */

package org.springframework.aop.target;

/**
 * Simple { @link org.springframework.aop.TargetSource} implementation,
 */
```
* freshly obtaining the specified target bean from its containing
* Spring {@link org.springframework.beans.factory.BeanFactory}.
*
* <p>Can obtain any kind of target bean: singleton, scoped, or prototype.
* Typically used for scoped beans.
* 
* @author Juergen Hoeller
* @since 2.0.3
*/

public class SimpleBeanTargetSource extends AbstractBeanFactoryBasedTargetSource {

    public Object getTarget() throws Exception {
        return getBeanFactory().getBean(getTargetBeanName());
    }
}

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1.1210 spring-context-support

4.1.6.RELEASE

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1.1213 spring-tx 4.1.6.RELEASE
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1.1224 stax2-api 3.1.4

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1.1228 stream-throttle 0.1.3

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1.1229 streamhtmlparser-jsilver

0.0.10.vaadin1

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Version 3, 29 June 2007


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1.1263 tboot 1.9.5 :1.el7
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1.1264 tcpdump 4.0.0
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1.1265 tcsh 6.17 :24.el6

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*/
/*
* config.h -- configure various defines for tcsh
*
* All source files should #include this FIRST.
*
* Edit this to match your system type.
*/

#ifndef _h_config
#define _h_config

/****************** System dependant compilation flags ****************/
/*
* POSIX	This system supports IEEE Std 1003.1-1988 (POSIX).
*/
#undef POSIX

/*
* POSIXJOBS	This system supports the optional IEEE Std 1003.1-1988 (POSIX)
* job control facilities.
*/
#undef POSIXJOBS

/*
* VFORK	This machine has a vfork().
* It used to be that for job control to work, this define
* was mandatory. This is not the case any more.
* If you think you still need it, but you don't have vfork,
* define this anyway and then do #define vfork fork.
* I do this anyway on a Sun because of yellow pages brain damage,
* [should not be needed under 4.1]
* and on the iris4d cause SGI's fork is sufficiently "virtual"
* that vfork isn't necessary. (Besides, SGI's vfork is weird).
* Note that some machines eg. rs6000 have a vfork, but not
* with the berkeley semantics, so we cannot use it there either.
*/
#define VFORK
/*
 * BSDJOBS You have BSD-style job control (both process groups and
 * a tty that deals correctly
 */
#define BSDJOBS

/*
 * BSDTIMES You have BSD-style process time stuff (like rusage)
 * This may or may not be true. For example, Apple Unix
 * (OREO) has BSDJOBS but not BSDTIMES.
 */
#define BSDTIMES

/*
 * BSDLIMIT You have BSD-style resource limit stuff (getrlimit/setrlimit)
 */
#define BSDLIMIT

/*
 * TERMIO You have struct termio instead of struct sgttyb.
 * This is usually the case for SYSV systems, where
 * BSD uses sgttyb. POSIX systems should define this
 * anyway, even though they use struct termios.
 */
#undef TERMIO

/*
 * SYSVREL Your machine is SYSV based (HPUX, A/UX)
 * NOTE: don't do this if you are on a Pyramid -- tcsh is
 * built in a BSD universe.
 * Set SYSVREL to 1, 2, 3, or 4, depending the version of System V
 * you are running. Or set it to 0 if you are not SYSV based
 */
#define SYSVREL 0

/*
 * YPBUGS Work around Sun YP bugs that cause expansion of ~username
 * to send command output to /dev/null
 */
#undef YPBUGS

/************************** local defines **********************/

#undef NLS_CATALOGS
#endif /* _h_config */
1.1266 telnet 0.17 :64.el7

1.1267 texinfo 4.13a :8.el6

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1.1279 time-stamp 1.0.0

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1.1280 tiny-lr 0.1.4

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1.1282 tmux 1.8 :4.el7

1.1283 to-absolute-glob 0.1.1

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1.1285 to-array 0.1.3

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1.1286 Toastr 2.3.1

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1.1287 tomcat-embed-core 8.0.20

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1.1291 tomcat-embed-logging-juli 8.0.20

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1.1292 tomcat-embed-websocket 8.0.20

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1.1293 tomcat-juli 6.0.16

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

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1.1301 ttmkfdirc 3.0.9 :32.1.el6
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Name: ttmkfdir
Version: 3.0.9
Release: 1
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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.

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1.1302 tunnel-agent 0.4.2
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1.1309 typeahead.bundle.js 0.10.4

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//   https://bitbucket.org/lindenlab/llsd
// Modifications by Joshua Bell inexorabletash@gmail.com
//   https://github.com/inexorabletash/polyfill

// ES3/ES5 implementation of the Khronos Typed Array Specification
// Ref: http://www.khronos.org/register/typedarray/specs/latest/
// Date: 2011-02-01
//
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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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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Initialize empty image
f1c9645dbc14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 bsd.img

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

Device Boot Start End Blocks Id System
------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

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

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

Create 2nd primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbe bsd.img

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

      Device  Boot  Start  End   Blocks  Id  System
__ts_dev__1  2048  4095   1024     83   Linux
__ts_dev__2  4096 20479  8192   0x5   FreeBSD

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

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

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

Command (m for help):

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

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

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

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

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
#       start       end      size     fstype   [fsize bsize   cpg]
a:     4096      6144      2049     4.2BSD        0     0     0
c:     4096     20479     16384     unused        0     0
d:        0     16064     16065     unused        0     0

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

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

Command (m for help):

BSD disklabel command (m for help):

Changes will remain in memory only, until you decide to write them. Be careful before using the write command.
#5: 7936  4864  0x7 (freebsd)
#6: 12544  3584  0x7 (freebsd)

1.1337 util-linux-ng 2.17.2 :12.9.el6

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waives all claims relating to Fees unless claimed within sixty days after charged (this does not affect any Customer rights with its credit card issuer). Refunds (if any) are at the discretion of Google and will only be in the form of credit for the Service. Nothing in this Agreement obligates Google to extend credit to any party.


4.1 Compliance. Customer is solely responsible for its Applications and Customer Data, and for making sure its Applications or Customer Data comply with the Acceptable Use Policy. Google reserves the right to review the Application or Customer Data to ensure Customer's compliance with the Acceptable Use Policy. Customer is responsible for ensuring all End Users comply with Customer's obligations under the Agreement.

4.2 Privacy. Customer will protect the privacy and legal rights of its End Users under all applicable laws and regulations, which includes a legally adequate privacy notice communicated from Customer. Customer may have the ability to access, monitor, use, or disclose Customer Data submitted by End Users through the Service. Customer will obtain and maintain any required consents from End Users to allow Customer's access, monitoring, use and disclosure of Customer Data. Further, Customer will notify its End Users that any Customer Data provided as part of the Service will be made available to a third party as part of Google providing the Service.

4.3 Restrictions. Customer will not, and will not allow third parties under its control to: (a) copy, modify, create a derivative work of, reverse engineer, decompile, translate, disassemble, or otherwise attempt to extract the source code of the Service or any component thereof (subject to Section 4.4 below); (b) use the Service for High Risk Activities; (c) sublicense, resell, or distribute the Service or any component thereof separate from any integrated Application; (d) use the Service to create, train, or improve (directly or indirectly) a substantially similar product or service, including any other machine translation engine; (e) create multiple Applications or Accounts to simulate or act as a single Application or Account (respectively) or otherwise access the Service in a manner intended to avoid incurring Fees; (f) use the Service to operate or enable any telecommunications service or in connection with any Application that allows End Users to place calls to or to receive calls from any public switched telephone network; or (g) process or store any Customer Data that is subject to the International Traffic in Arms Regulations maintained by the Department of State. Customer acknowledges that the Service is not HIPAA compliant and Customer is solely responsible for any applicable compliance with HIPAA.

4.4 Open Source Components. Open source software licenses for components of the Service released under an open source license constitute separate written agreements. Open source software is listed in the Documentation. To the limited extent the open source software licenses expressly supersede this Agreement, the
open source license instead governs Customer's agreement with Google for the specific included open source components of the Service, or use of the Service (as may be applicable).

4.5 Documentation. Google may provide Documentation for Customer's use of the Service. The Documentation may specify restrictions (e.g. attribution of HTML restrictions) on how the Applications may be built or the Service may be used and Customer agrees to comply with any such restrictions specified.

4.6 DMCA Policy. Google provides information to help copyright holders manage their intellectual property online, but Google cannot determine whether something is being used legally or not without their input. Google responds to notices of alleged copyright infringement and terminates accounts of repeat infringers according to the process set out in the U.S. Digital Millennium Copyright Act. If Customer thinks somebody is violating Customer's or its End Users' copyrights and wants to notify Google, Customer can find information about submitting notices, and Google's policy about responding to notices at http://www.google.com/dmca.html.

4.7 Application and No Multiple Accounts, Bills. Any Application must have material value independent from the Services. Google has no obligation to provide multiple bills or Accounts to Customer under the Agreement.

5. Suspension and Removals.

5.1 Suspension/Removals. If Customer becomes aware that any Application or an End User's use of an Application, or Customer Data violates the Acceptable Use Policy, Customer will immediately suspend the Application, remove the applicable Customer Data, or suspend access to an End User (as may be applicable). If Customer fails to suspend or remove as noted in the prior sentence, Google may specifically request that Customer do so. If Customer fails to comply with Google's request to do so within twenty-four hours, then Google may suspend Google accounts of the applicable End Users, disable the Application, and/or disable the Account (as may be applicable) until such violation is corrected.

5.2 Emergency Security Issues. Despite the foregoing, if there is an Emergency Security Issue, then Google may automatically suspend the offending End User account, Application or the Account. Suspension will be to the minimum extent required, and of the minimum duration, to prevent or terminate the Emergency Security Issue. If Google suspends an End User account or the Application or Account, for any reason, without prior notice to Customer, at Customer's request, Google will provide Customer the reason for the suspension as soon as is reasonably possible.


6.1 Intellectual Property Rights. Except as expressly set forth herein, this Agreement does not grant either party any rights, implied or otherwise, to the other's content or any of the other's intellectual property. As between the parties, Customer owns all Intellectual Property Rights in any Application and
Customer Content, and Google owns all Intellectual Property Rights in the Service.

6.2 Brand Features Limitation. If Customer wants to display Google Brand Features in connection with its use of the Service, Customer must obtain written permission from Google through process specified in the Trademark Guidelines. For the sole purpose of providing the Service, Customer permits Google to display any Brand Features that may appear in its Application. Any use of a party's Brand Features will inure to the benefit of the party holding Intellectual Property Rights to those Brand Features. A party may revoke the other party's right to use its Brand Features pursuant to this Agreement with written notice to the other and a reasonable period to stop the use.

7. Technical Support Service

7.1 By Customer. Customer is responsible for technical support of its Application.

7.2 Deprecation Policy.

Google will announce if we intend to discontinue or make backwards incompatible changes to this API or Service. We will use commercially reasonable efforts to continue to operate that Service without these changes until the later of: (i) one year after the announcement or (ii) April 20, 2015, unless (as Google determines in its reasonable good faith judgment):

required by law or third party relationship (including if there is a change in applicable law or relationship), or
doing so could create a security risk or substantial economic or material technical burden.

This Deprecation Policy doesn't apply to versions, features, and functionality labeled as "experimental."

8. Confidential Information.

8.1 Obligations. The recipient of the other party's Confidential Information will not disclose the Confidential Information, except to Affiliates, employees, agents, or professional advisors who need to know it and who have agreed in writing (or in the case of professional advisors are otherwise bound) to keep it confidential. The recipient will ensure that those people and entities use the Confidential Information only to exercise rights and fulfill obligations under this Agreement, while using reasonable care to keep it confidential. The recipient may also disclose Confidential Information when required by law after giving reasonable notice to the discloser if allowed by law. The recipient may also disclose Confidential Information to the extent required by applicable Legal Process; provided that the recipient uses commercially reasonable efforts to: (i) promptly notify the other party of such disclosure before disclosing; and (ii) comply with the other party's reasonable requests regarding its efforts to
oppose the disclosure. Notwithstanding the foregoing, subsections (i) and (ii) above will not apply if the recipient determines that complying with (i) and (ii) could: (a) result in a violation of Legal Process; (b) obstruct a governmental investigation; and/or (c) lead to death or serious physical harm to an individual. As between the parties, Customer is responsible for responding to all third party requests concerning its use and its End Users’ use of the Services.

9. Term and Termination.

9.1 Agreement Term. The license granted in this Agreement will remain in effect, unless terminated earlier as set forth in this Agreement.

9.2 Termination for Breach. Either party may terminate this Agreement for breach if: (i) the other party is in material breach of the Agreement and fails to cure that breach within thirty days after receipt of written notice; (ii) the other party ceases its business operations or becomes subject to insolvency proceedings and the proceedings are not dismissed within ninety days; or (iii) the other party is in material breach of this Agreement more than two times notwithstanding any cure of such breaches.

9.3 Termination for Inactivity. Google reserves the right to terminate the Service for inactivity, if, for a period exceeding ninety days, Customer (a) has failed to access the Admin Console, (b) an Application has not served any requests, and (c) no electronic bills are being generated.

9.4 Termination for Convenience. Customer may stop using the Service at any time. Customer may terminate this Agreement for convenience at any time on prior written notice and upon termination, must cease use of the Service. Google may terminate this Agreement for its convenience at any time without liability to Customer. Subject to Section 7.2, Google may discontinue the Service or any portion or feature for any reason at any time without liability to Customer.

9.5 Effects of Termination. If the Agreement expires or is terminated, then: (i) the rights granted by one party to the other will immediately cease; (ii) all Fees (including Taxes) owed by Customer to Google are immediately due upon receipt of the final electronic bill; (iii) Customer will delete the Software, any Application and any Customer Data; and (iv) upon request, each party will use commercially reasonable efforts to return or destroy all Confidential Information of the other party.

10. Publicity.

Customer is permitted to state publicly that it is a customer of the Service, consistent with the Trademark Guidelines. Customer agrees that Google may include Customer’s name or Brand Features in a list of Google customers, online or promotional materials. Customer also agrees that Google may verbally reference Customer as a customer of the Google products or services that are the subject of this Agreement. This section is subject to the “Brand Features Limitation” section of the Agreement. For clarification, neither party needs to
seek approval from the other if the party is repeating a public statement that is substantially similar to a public statement that has been previously approved.

11. Representations.

Each party represents that: (a) it has full power and authority to enter into the Agreement; and (b) it will comply with all laws and regulations applicable to its provision, or use, of the Service, as applicable. Google warrants it will provide the Service in accordance with the applicable SLA.

12. Disclaimer.

EXCEPT AS EXPRESSLY PROVIDED FOR HEREIN, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, GOOGLE DOES NOT MAKE ANY OTHER WARRANTY OF ANY KIND, WHETHER EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR USE AND NONINFRINGEMENT.

GOOGLE IS NOT RESPONSIBLE OR LIABLE FOR THE DELETION OF OR FAILURE TO STORE ANY CONTENT AND OTHER COMMUNICATIONS MAINTAINED OR TRANSMITTED THROUGH USE OF THE SERVICE. CUSTOMER IS SOLELY RESPONSIBLE FOR SECURING AND BACKING UP ITS APPLICATION AND CUSTOMER CONTENT. GOOGLE DOES NOT WARRANT THAT THE OPERATION OF THE SOFTWARE OR THE SERVICE WILL BE ERROR-FREE OR UNINTERRUPTED. NEITHER THE SOFTWARE NOR THE SERVICE ARE DESIGNED, MANUFACTURED, OR INTENDED FOR HIGH RISK ACTIVITIES.

13. Limitation of Liability.

13.1 Limitation on Indirect Liability. TO THE MAXIMUM EXTEND PERMITTED BY APPLICABLE LAW, NEITHER PARTY, NOR GOOGLE’S SUPPLIERS, WILL BE LIABLE UNDER THIS AGREEMENT FOR LOST REVENUES OR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, OR PUNITIVE DAMAGES, EVEN IF THE PARTY KNEW OR SHOULD HAVE KNOWN THAT SUCH DAMAGES WERE POSSIBLE AND EVEN IF DIRECT DAMAGES DO NOT SATISFY A REMEDY.

13.2 Limitation on Amount of Liability. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NEITHER PARTY, NOR GOOGLE’S SUPPLIER’S, MAY BE HELD LIABLE UNDER THIS AGREEMENT FOR MORE THAN THE AMOUNT PAID BY CUSTOMER TO GOOGLE DURING THE TWELVE MONTHS PRIOR TO THE EVENT GIVING RISE TO LIABILITY.

13.3 Exceptions to Limitations. These limitations of liability do not apply to breaches of confidentiality obligations, violations of a party's Intellectual Property Rights by the other party, or indemnification obligations.


14.1 By Customer. Customer will indemnify, defend, and hold harmless Google from and against all liabilities, damages, and costs (including settlement costs and reasonable attorneys’ fees) arising out of a third party claim: (i) regarding any Application or Customer Content; (ii) that Customer Brand Features infringe or misappropriate any patent, copyright, trade secret or trademark of a third
party; or (iii) regarding Customer's, or its End Users', use of the Service in violation of the Acceptable Use Policy.

14.2 By Google. Google will indemnify, defend, and hold harmless Customer from and against all liabilities, damages, and costs (including settlement costs and reasonable attorneys’ fees) arising out of a third party claim that Google's technology used to provide the Service (excluding any open source software) or any Google Brand Feature infringes or misappropriates any patent, copyright, trade secret or trademark of such third party. Notwithstanding the foregoing, in no event shall Google have any obligations or liability under this Section arising from: (i) use of any Service or Google Brand Features in a modified form or in combination with materials not furnished by Google, and (ii) any Customer Content.

14.3 Possible Infringement.

    Repair, Replace, or Modify. If Google reasonably believes the Service infringes a third party's Intellectual Property Rights, then Google will: (a) obtain the right for Customer, at Google's expense, to continue using the Service; (b) provide a non-infringing functionally equivalent replacement; or (c) modify the Service so that it no longer infringes.

    Suspension or Termination. If Google does not believe the foregoing options are commercially reasonable, then Google may suspend or terminate Customer's use of the impacted Service.

14.4 General. As a condition to indemnification for a claim, the party seeking indemnification must promptly notify the other party of the claim in writing and cooperate with the other party in defending the claim. The indemnifying party has full control and authority over the defense, except that: (a) any settlement requiring the party seeking indemnification to admit liability or to pay any money will require that party’s prior written consent, such consent not to be unreasonably withheld or delayed; and (b) the other party may join in the defense with its own counsel at its own expense. Notwithstanding the foregoing, if the indemnified party settles without the prior written consent of the indemnifying party, the indemnifying party has no obligation of contribution.

THE INDEMNITIES ABOVE ARE THE ONLY REMEDY UNDER THIS AGREEMENT FOR VIOLATION OF A THIRD PARTY’S INTELLECTUAL PROPERTY RIGHTS.

15. Government Purposes (applicable to United States government customers only).

The Service was developed solely at private expense and is commercial computer software and related documentation within the meaning of the applicable civilian and military Federal acquisition regulations and any supplements thereto. If the user of the Service is an agency, department, employee, or other entity of the United States Government, under FAR 12.212 and DFARS 227.7202, the use, duplication, reproduction, release, modification, disclosure, or transfer of the Service, including technical data or manuals, is governed by the terms and conditions contained in this Agreement, which is Google's standard commercial license agreement.

16.1 Notices. All notices must be in writing and addressed to the other party’s legal department and primary point of contact. The email address for notices being sent to Google’s Legal Department is legal-notices@google.com. Notice will be treated as given: (a) on receipt as verified by written automated receipt or by electronic log (as applicable).

16.2 Assignment. Neither party may assign any part of this Agreement without the written consent of the other, except to an Affiliate where: (a) the assignee has agreed in writing to be bound by the terms of this Agreement; (b) the assigning party remains liable for obligations under the Agreement if the assignee defaults on them; and (c) the assigning party has notified the other party of the assignment. Any other attempt to assign is void.

16.3 Change of Control. If a party experiences a change of Control (for example, through a stock purchase or sale, merger, or other form of corporate transaction): (a) that party will give written notice to the other party within thirty days after the change of Control; and (b) the other party may immediately terminate this Agreement any time between the change of Control and thirty days after it receives that written notice.

16.4 Force Majeure. Neither party will be liable for failure or delay in performance to the extent caused by circumstances beyond its reasonable control.

16.5 No Agency. This Agreement does not create any agency, partnership or joint venture between the parties.

16.6 No Waiver. Neither party will be treated as having waived any rights by not exercising (or delaying the exercise of) any rights under this Agreement.

16.7 Severability. If any term (or part of a term) of this Agreement is invalid, illegal or unenforceable, the rest of the Agreement will remain in effect.

16.8 No Third-Party Beneficiaries. This Agreement does not confer any benefits on any third party unless it expressly states that it does.

16.9 Equitable Relief. Nothing in this Agreement will limit either party's ability to seek equitable relief.

16.10 Governing Law.

For City, County, and State Government Entities. If Customer is a city, county or state government entity, then the parties agree to remain silent regarding governing law and venue.

For Federal Government Entities. If Customer is a federal government entity then the following applies: ALL CLAIMS ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE SERVICE WILL BE GOVERNED BY THE LAWS OF THE UNITED STATES OF
AMERICA, EXCLUDING ITS CONFLICT OF LAWS RULES. SOLELY TO THE EXTENT PERMITTED BY FEDERAL LAW: (I) THE LAWS OF THE STATE OF CALIFORNIA (EXCLUDING CALIFORNIA’S CONFLICT OF LAWS RULES) WILL APPLY IN THE ABSENCE OF APPLICABLE FEDERAL LAW; AND (II) FOR ALL CLAIMS ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE SERVICE, THE PARTIES CONSENT TO PERSONAL JURISDICTION IN, AND THE EXCLUSIVE VENUE OF, THE COURTS IN SANTA CLARA COUNTY, CALIFORNIA.

For All Other Entities. If Customer is any entity not set forth in Section 16.10(a) or (b) then the following applies: ALL CLAIMS ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE SERVICE WILL BE GOVERNED BY CALIFORNIA LAW, EXCLUDING THAT STATE’S CONFLICT OF LAWS RULES, AND WILL BE LITIGATED EXCLUSIVELY IN THE FEDERAL OR STATE COURTS OF SANTA CLARA COUNTY, CALIFORNIA, USA; THE PARTIES CONSENT TO PERSONAL JURISDICTION IN THOSE COURTS.

16.11 Amendments. Any amendment must be in writing, signed by both parties, and expressly state that it is amending this Agreement.

16.12 Survival. The following Sections will survive expiration or termination of this Agreement: 6.1 (Intellectual Property Rights), 8 (Confidential Information), 9.5 (Effects of Termination), 13 (Limitation of Liability), 14 (Indemnification) and 16 (Miscellaneous).

16.13 Entire Agreement. This Agreement supersedes all other agreements between the parties relating to its subject matter. In entering into this Agreement, neither party has relied on, and neither party will have any right remedy based on, any statement, representation or warranty (whether made negligently or innocently), except those expressly set out in this Agreement. The terms located at a URL referenced in this Agreement and the Documentation are hereby incorporated by this reference. After the Effective Date, Google may provide Customer with an updated URL in place of any URL in this Agreement.

16.14 Interpretation of Conflicting Terms. If there is a conflict among the documents that make up this Agreement, the documents will control in the following order: the Agreement, and the terms located at any URL.

16.15 Counterparts. The parties may execute this Agreement in counterparts, including facsimile, PDF and other electronic copies, which taken together will constitute one instrument.

16.16 Definitions.


"Account" means Customer's Google account (either gmail.com address or an Email address provided under the "Google Apps" product line); subject to those terms of service, as may be applicable.

"Admin Console" means the online tool provided by Google to Customer for administering the Service.
"Affiliate" means any entity that directly or indirectly controls, is controlled by, or is under common control with a party.

"Application(s)" means any web application Customer creates using the Service, including any source code written by Customer to be used with the Service.

"Brand Features" means the trade names, trademarks, service marks, logos, domain names, and other distinctive brand features of each party, respectively, as secured by such party from time to time.

"Confidential Information" means information that one party (or an Affiliate) discloses to the other party under this Agreement, and which is marked as confidential or would normally under the circumstances be considered confidential information. It does not include information that the recipient already rightfully knew, that becomes public through no fault of the recipient, that was independently developed by the recipient, or that was lawfully given to the recipient by a third party. Customer Data is considered Customer's Confidential Information.

"Control" means control of greater than fifty percent of the voting rights or equity interests of a party.

"Core App Engine End User Data" means content provided through the use of an Application running on Google App Engine, by those End Users who are not acting as Developer End Users (and information related to those End Users stored by the Application), but excluding authentication information for those End Users' Google accounts.

"Customer Data" means content provided, transmitted or displayed via the Service by Customer, or its End Users; but excluding any data provided as part of the Account.

"Documentation" means the Google documentation in the form generally made available by Google to its customers for use with the Service, as may be found here: https://developers.google.com/appengine/docs or such other URL as Google may provide.

"Emergency Security Issue" means either: (a) Customer's or its End User's use of the Service in violation of the Acceptable Use Policy, which could disrupt: (i) the Service; (ii) other Customers' or its End Users' use of the Service; or (iii) the Google network or servers used to provide the Service; or (b) unauthorized third party access to the Service.

"End Users" means the individuals Customer permits to use the Application.

"Export Control Laws" means all applicable export and re-export control laws and regulations, including the Export Administration Regulations ("EAR") maintained by the U.S. Department of Commerce, trade and economic sanctions maintained by the Treasury Department's Office of Foreign Assets Control, and the International Traffic in Arms Regulations ("ITAR") maintained by the Department of State.

"Fee Threshold" means the threshold (as may be updated from time to time), which is more fully described here: https://developers.google.com/appengine/docs/quotas.

"Fees" means the applicable fees for the Service and any applicable Taxes as set forth here: https://developers.google.com/appengine/docs/billing.

"High Risk Activities" means uses such as the operation of nuclear...
facilities, air traffic control, or life support systems, where the use or failure of the Service could lead to death, personal injury, or environmental damage.

"HIPAA" means the Health Insurance Portability and Accountability Act of 1996 as it may be amended from time to time, and any regulations issued thereunder.

"Intellectual Property Rights" means current and future worldwide rights under patent law, copyright law, trade secret law, trademark law, moral rights law, and other similar rights.

"Legal Process" means a request for disclosure of data made pursuant to law, governmental regulation, court order, subpoena, warrant, governmental regulatory or agency request, or other valid legal authority, legal procedure, or similar process.

"Privacy Policy" means Google's privacy policy located at: https://www.google.com/privacypolicy.html or such other URL as Google may provide.

"Protected Health Information" means the definition on 45 CFR 160.103, limited to the information created or received by a business associate from on or behalf of a covered entity.

"Service" means the Google App Engine Service as more fully described here: https://developers.google.com/appengine/ or such other URL as Google may provide. The APIs provided under the Service are listed here: https://developers.google.com/appengine/appengine_services or such other URL as Google may provide.

"Service FAQ" means those FAQs more fully described here: https://developers.google.com/appengine/kb or such other URL as Google may provide.

Service Level Agreement or SLA means the service level agreement then in effect for the Service available at the following URL: https://developers.google.com/appengine/sla or such other URL as Google may provide.

"Software" means any downloadable tools, software development kits or other such proprietary computer software provided by Google in connection with the Service, which may be downloaded by Customer, and any updates Google may make to such Software from time to time.

"Taxes" means any duties, customs fees, or taxes (other than Google's income tax) associated with the purchase of the Service, including any related penalties or interest.

"Terms URL" means the following URL: https://developers.google.com/appengine/terms or such other URL as Google may provide.

"Third Party Request" means a request from a third party for records relating to an End User's use of the Services. Third Party Requests can be a lawful search warrant, court order, subpoena, other valid legal order, or written consent from the End User permitting the disclosure.

"Trademark Guidelines" means Google's Guidelines for Third Party Use of Google Brand Features, located at the following URL: http://www.google.com/permissions/guidelines.html or such other URL as Google
may provide.

"Updates" means the periodic software updates provided by Google to Customer from time to time. Updates are designed to improve, enhance and further develop the Service and may take the form of bug fixes, enhanced functions, new software modules and completely new versions.

"Updates" means the periodic software updates provided by Google to Customer from time to time. Updates are designed to improve, enhance and further develop the Service and may take the form of bug fixes, enhanced functions, new software modules and completely new versions.

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1. Unicode Data Files and Software

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1.1341 vaadin-sass-compiler 0.9.12

1.1342 vaadin-spring 1.0.0.beta2

1.1343 vaadin-spring-boot 1.0.0.beta2

1.1344 validate-npm-package-license 3.0.1
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1.1345 validation-api 1.0.0.GA

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" 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 "\<\(fa\|fr\|aclqr\|v\)\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>|\<\|\>\" 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
syn region psfAttUnquotString matchgroup=psfAttrib start=~^\s*[^# ][^# ]\+~rs=e-1
contains=psfUnquotString,psfComment end=~$~ keepend oneline

syn region psfAttQuotString matchgroup=psfAttrib start=~^\s*[^# ][^# ]\+~rs=e-1
contains=psfQuotString,psfComment skip=~\"~ matchgroup=psfQuotString end=~\"~ keepend

" These regions are defined in attempt to do syntax checking for some
" of the attributes.
syn region psfAttTag matchgroup=psfAttrib start="^\s*tag\s*" contains=psfObjTag,psfComment end="$" keepend oneline

syn region psfAttSpec matchgroup=psfAttrib
start="^\s*(ancestor|applied_patches|applied_to)\|contents\|corequisites\|exrequisites\|prerequisites\|software_spec|
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

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

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|.

=== begin of license ===

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that they must include this license text. You can also distribute
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that you made from the unmodified Vim sources, plus your own usage
examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim,
including executables and/or source code, when the following four
conditions are met:

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2) The modified Vim must be distributed in one of the following five ways:
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      the distribution how to contact you. When the maintainer asks you
      (in any way) for a copy of the modified Vim you distributed, you
      must make your changes, including source code, available to the
      maintainer without fee. The maintainer reserves the right to
      include your changes in the official version of Vim. What the
      maintainer will do with your changes and under what license they
      will be distributed is negotiable. If there has been no negotiation
      then this license, or a later version, also applies to your changes.
      The current maintainer is Bram Moolenaar <Bram@vim.org>. If this
      changes it will be announced in appropriate places (most likely
      vim.sf.net, www.vim.org and/or comp.editors). When it is completely
      impossible to contact the maintainer, the obligation to send him
      your changes ceases. Once the maintainer has confirmed that he has
      received your changes they will not have to be sent again.
   b) If you have received a modified Vim that was distributed as
      mentioned under a) you are allowed to further distribute it
      unmodified, as mentioned at I). If you make additional changes the
      text under a) applies to those changes.
   c) Provide all the changes, including source code, with every copy of
      the modified Vim you distribute. This may be done in the form of a
      context diff. You can choose what license to use for new code you
      add. The changes and their license must not restrict others from
      making their own changes to the official version of Vim.
   d) When you have a modified Vim which includes changes as mentioned
      under c), you can distribute it without the source code for the
      changes if the following three conditions are met:
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        permits the Vim maintainer to include the changes in the official
        version of Vim without fee or restriction.
      - You keep the changes for at least three years after last
        distributing the corresponding modified Vim. When the maintainer
        or someone who you distributed the modified Vim to asks you (in
        any way) for the changes within this period, you must make them
        available to him.
      - You clearly describe in the distribution how to contact you. This
        contact information must remain valid for at least three years
        after last distributing the corresponding modified Vim, or as long
        as possible.
   e) When the GNU General Public License (GPL) applies to the changes,
      you can distribute the modified Vim under the GNU GPL version 2 or
      any later version.
3) A message must be added, at least in the output of the ":version"
   command and in the intro screen, such that the user of the modified Vim
is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does not conflict with the license used for the changes.

4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

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IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

=== 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. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

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

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

Sending money:*iccf-donations*

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

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

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

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

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

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

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

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

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

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

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

vim:tw=78:ts=8:ft=help:norl:

1.1352 vinyl 1.1.1
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1.1356 vinyl-file 1.3.0

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1.1359 vinyl-fs 0.3.14

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---

1.1360 vinyl-sourcemaps-apply 0.1.4

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UglifyJS
https://github.com/mishoo/UglifyJS
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Note that UglifyJS is shipped with WebKit Web Inspector.

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<mihai.bazon@gmail.com>
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Based on parse-js (http://marijn.haverbeke.nl/parse-js/).

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coffee-script 1.2.0 via npmjs.org
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connect 1.8.5 via npmjs.org
https://github.com/senchalabs/connect
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qs 0.4.2 via npmjs.org
https://github.com/visionmedia/node-querystring

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nopt 1.0.10 via npmjs.org
https://github.com/isaacs/nopt

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abbrev 1.0.3 via npmjs.org
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Version 2.0 Adjuncts specification
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1.1389 XML Pull Parsing API 1.1.3.1

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 * More Info:
 * http://ejohn.org/projects/javascript-diff-algorithm/
 * Usage: QUnit.diff(expected, actual)
 * QUnit.diff( "the quick brown fox jumped over", "the quick fox jumps over" ) == "the quick <del>brown</del> fox <del>jumped</del><ins>jumps</ins> over"
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1.1396 **xmlbeans 2.3.0**

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1.1398 xmlhttprequest 1.5.0

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1.1400 xmlrpc-c 1.16.24 :1209.1840.el6

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Eric Kidd developed the original Xmlrpc-c in 2000 and maintained it up through June 2001.

Bryan Henderson took over as maintainer in October 2004.

Xmlrpc-c contains (and relies on for some server functions) a derivation of the Abyss web server by Moez Mahfoudh.

Xmlrpc-c contains (and relies on) a derivation of the Expat XML parser, written by James Clark.

The base64 code was derived from what Jack Jansen developed for Python.

For more history, including credits for more minor contributions, see the HISTORY file.

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1.1403 xorg-x11-font-utils 7.2 :11.el6

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1.1404 XPP - XML Pull Parser 3-1.1.3.4.O

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class UpdateMetadata(object):
    def get_notices(self, name=None):
        return [notice for notice in self.get_notices(name) for upkg in notice['pkglist'] for pkg in upkg['packages'] if pkg['name'] != name or pkg['arch'] != arch: continue
    if name is None:
        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']:
                    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_vercmp, 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
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
        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):
            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):
+            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_vercmp, key=lambda x: x[0], reverse=True)
        return ret

import logginglevels
import rpmUtils.miscutils
+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.org 2017-01-24 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):
                if elem:
                    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:
        @@ -103,6 +106,24 @@ class UpdateNotice(object):
                        # Tests to see if it's "the same data", which means that the
                        # packages can be different (see add_notice).
        
        +    def _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:
                
                """%s"
                
                """
                
                # --verbose mode enables this
                self._vlogger.log(logginglevels.DEBUG_3, msg)
def print_md():
    print('Open Source Used In SDWAN Network Hub Release 18.4

1.1419 zlib 1.2.7 :17.el7

')
1.1419.1 Available under license:
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1.1420 zope.interface 4.0.5
1.1420.1 Available under license:
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