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If you have any suggestions, additions, comments, or questions, please let [17]me know.

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1.11 at 3.1.13 :22.e17

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This is the Debian GNU/Linux prepackaged version of the deferred execution scheduler called at.

This package was debianized by its author Thomas Koenig <ig25@rz.uni-karlsruhe.de>, taken over and re-packaged first by Martin

Schulze <joey@debian.org> and then by Siggy Brentrup <bsb@winnegan.de>, and then taken over by Ryan Murray <rmurray@debian.org>.

In August 2009 the upstream development and Debian packaging were taken over by Ansgar Burchardt <ansgar@debian.org> and Cyril Brulebois <kibi@debian.org>.

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1.12 atk 2.22.0 :3.e17

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Version 3, 29 June 2007

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

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(at your option) any later version.
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```
<program> Copyright (C) <year> <name of author>  
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```

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From friedman@cli.com Thu May 25 12:19:06 1995

Flags: 10

Return-Path: friedman@cli.com

Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)

id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)

Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)

id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)

Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)

id AA27213; Thu, 25 May 95 11:18:25 CDT

Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT

Message-Id: <9505251618.AA16031@tepui.cli.com>

From: friedman@gnu.ai.mit.edu (Noah Friedman)

To: chet@po.cwru.edu

Subject: Bash scripts

Reply-To: friedman@gnu.ai.mit.edu

In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400

References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>

Date: Thu, 25 May 95 11:18:21 CST

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

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

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

From spcedt@armory.com Wed May 10 10:21:11 1995

Flags: 10

Return-Path: spcedt@armory.com

Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)

id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcedt@armory.com for <chet@odin.INS.CWRU.Edu>)

Received: from deepthought.armory.com (mmdf@deepthought.armory.com [192.122.209.42]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)

id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcedt@armory.com for <chet@po.cwru.edu>)

From: John DuBois <spcedt@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/~spcedt/
X-Mailer: Mail User's Shell (7.2.5 10/14/92)
To: chet@po.cwru.edu
Subject: Re: ksh scripts
Message-ID: <9505092233.aa13001@deephought.armory.com>

Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

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

```
} Subject: ksh scripts
} From odin.ins.cwru.edu!chet Tue May 9 10:39:51 1995
} Received: from odin.INS.CWRU.Edu by deepthought.armory.com id aa22336;
} 9 May 95 10:39 PDT
} Received: (chet@localhost) by odin.INS.CWRU.Edu (8.6.10+cwru/CWRU-2.1-ins)
} id NAA20487; Tue, 9 May 1995 13:39:24 -0400 (from chet)
} Date: Tue, 9 May 1995 13:36:54 -0400
} From: Chet Ramey <chet@odin.ins.cwru.edu>
} To: john@armory.com
} Subject: ksh scripts
} Cc: chet@odin.ins.cwru.edu
} Reply-To: chet@po.cwru.edu
} Message-ID: <9505091736.AA20411.SM@odin.INS.CWRU.Edu>
} Read-Receipt-To: chet@po.CWRU.Edu
} MIME-Version: 1.0
} Content-Type: text/plain; charset=us-ascii
} Status: OR
}
} Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for
} the FSF.
}
} I picked up a tar file of ksh scripts you wrote from an anon FTP site
} a while back. I'd like your permission to include modified versions
} of some of them in the next major bash distribution (with proper credit
} given, of course). Is it OK if I do that?
}
} Chet Ramey
}
} --
} ``The lyf so short, the craft so long to lerne." - Chaucer
}
} Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu
```

}-- End of excerpt from Chet Ramey
From mikel@ora.com Tue Aug 1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP
(8.6.12+cwru/CWRU-2.1-ins)
id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)
Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995
12:07:51 -0400
Received: by los.ora.com (4.1/Spike-2.1)
id AA00672; Tue, 1 Aug 95 08:57:32 EDT
Date: Tue, 1 Aug 95 08:57:32 EDT
From: mikel@ora.com (Michael Loukides)
Message-Id: <9508011257.AA00672@los.ora.com>
Subject: Re: Ksh debugger from Rosenblatt's book [for bash]
To: Chet Ramey <chet@odin.INS.CWRU.Edu>
Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com
In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger
to work with bash-2.0. Does ORA have any problem with me distributing
it with bash-2.0?

That's great!

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

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1.25 BeanUtils(duplicate) 1.6.1

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```
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 * $Date: 2003/01/15 21:59:38 $
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1.26 bind-libs-lite 9.9.4 :51.e17_4.1

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

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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=====
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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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The development of Dynamically Loadable Zones (DLZ) for Bind 9 was conceived and contributed by Rob Butler.

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

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

```
=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
<!--
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-->

<!-- $Id: copyright.xml,v 1.8 2009/07/10 23:47:58 tbox Exp $ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

  <xsl:template name="isc.copyright.format">
    <xsl:param name="text"/>
    <xsl:value-of select="$isc.copyright.leader"/>
    <xsl:value-of select="normalize-space(substring-before($text, '#10;'))"/>
    <xsl:text>#10;</xsl:text>
    <xsl:variable name="rest" select="substring-after($text, '#10;')"/>
    <xsl:if test="translate($rest, '#9;#32;', '')">
      <xsl:call-template name="isc.copyright.format">
        <xsl:with-param name="text" select="$rest"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:template>


```

```

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="holder"/>
  <xsl:text> &#10;</xsl:text>
</xsl:for-each>
  <xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>

</xsl:stylesheet>

<!--
- Local variables:
- mode: sgml
- End:
-->
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```

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1.27 binutils 2.25.1 :31.base.el7

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-*- text -*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

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+++++

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

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

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added

support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

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

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

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

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

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

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

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

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

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

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

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

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

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


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

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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

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

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

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

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

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

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

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Version 3, 29 June 2007

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The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

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

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

@item

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

@item

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

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@enumerate a

@item

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

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.

@item

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@item

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@item

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

@end enumerate

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@center END OF TERMS AND CONDITIONS

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@page

@appendixsubsec 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).

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@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

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@smallexample

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice
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That's all there is to it!

1.28 binutils 2.27 :28.base.el7_5.1

1.28.1 Available under license :

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Version 3, 29 June 2007

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- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as 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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+++++

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

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

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

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

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

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

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

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

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

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

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

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

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

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

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

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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.

@item

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.

@item

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

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

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

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

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

@item

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:

@enumerate a

@item

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

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.

@item

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.

@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.

@end enumerate

For an executable, the required form of the ``work that uses the Library'' must include any data and utility programs needed for

reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

@item

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:

@enumerate a

@item

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.

@item

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.

@end enumerate

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@appendixsubsec 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.

@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

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:

@smallexample

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

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

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Version 2.1, February 1999

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

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

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

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

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

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

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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.

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

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

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

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

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

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

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

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1.29 boost 1.53.0 :27.e17

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Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu)
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Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)
Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)
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Roland Richter (roland -at- fill.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)
Roland Schwarz (roland.schwarz -at- chello.at)
Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log)
Samuel Krempf (krempf -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)
Stefan Seefeld (seefeld -at- sympatico.ca)
Stephen Cleary (scleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)
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Vladimir Prus (ghost@cs.msu.su)
William E. Kempf () (email to Beman Dawes, 9/14/2006 4:18 PM)
Joerg Walter (jhr.walter - at - t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200)
Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---

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

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//

// See <http://www.boost.org/libs/intrusive> for documentation.

//

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

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP

#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

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

#include <cstddef>

```
namespace boost {
namespace intrusive {
namespace detail {
```

```
typedef char one;
struct two {one _[2];};
```

```
template< bool C_ >
struct bool_
{
    static const bool value = C_;
};
```

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

```
typedef true_ true_type;
typedef false_ false_type;
```

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

```

};

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

template <class T>
struct enable_if_c<false, T> {};

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

template<class F, class Param>
struct apply
{
    typedef typename F::template apply<Param>::type type;
};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static const T &trigger();
public:
    static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

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

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

```

```

};

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

template<
    bool C
    , typename F1
    , typename F2
    >
struct eval_if_c
    : if_c<C,F1,F2>::type
{};

template<
    typename C
    , typename T1
    , typename T2
    >
struct eval_if
    : if_c<C,T1,T2>::type
{};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
{
    typedef T type;
};

#if defined(BOOST_MSVC) || defined(__BORLANDC__)
#define BOOST_INTRUSIVE_TT_DECL __cdecl
#else
#define BOOST_INTRUSIVE_TT_DECL
#endif

#if defined(_MSC_EXTENSIONS) && !defined(__BORLAND__) && !defined(_WIN64) &&
!defined(UNDER_CE)
#define BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS
#endif

```



```

template <typename T>
struct is_unary_or_binary_function_impl
{ static const bool value = false; };

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (*)()>
{ static const bool value = true; };

template <typename R>
struct is_unary_or_binary_function_impl<R (*)(...)>
{ static const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R>
struct is_unary_or_binary_function_impl<R (__stdcall*)()>
{ static const bool value = true; };

#ifndef _MANAGED

template <typename R>
struct is_unary_or_binary_function_impl<R (__fastcall*)()>
{ static const bool value = true; };

#endif

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)()>
{ static const bool value = true; };

template <typename R>
struct is_unary_or_binary_function_impl<R (__cdecl*)(...)>
{ static const bool value = true; };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0)>
{ static const bool value = true; };

```

```

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (*)(T0...)>
{ static const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0)>
{ static const bool value = true; };

#endif

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0)>
{ static const bool value = true; };

#endif

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0)>
{ static const bool value = true; };

template <typename R, class T0>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0...)>
{ static const bool value = true; };

#endif

// see boost ticket #4094
// avoid duplicate definitions of is_unary_or_binary_function_impl
#ifndef BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1)>
{ static const bool value = true; };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (*)(T0, T1...)>
{ static const bool value = true; };

#else // BOOST_INTRUSIVE_TT_TEST_MSC_FUNC_SIGS

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__stdcall*)(T0, T1)>
{ static const bool value = true; };

#endif

```

```

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__fastcall*)(T0, T1)>
{ static const bool value = true; };

#endif

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1)>
{ static const bool value = true; };

template <typename R, class T0, class T1>
struct is_unary_or_binary_function_impl<R (__cdecl*)(T0, T1...)>
{ static const bool value = true; };
#endif

template <typename T>
struct is_unary_or_binary_function_impl<T&>
{ static const bool value = false; };

template<typename T>
struct is_unary_or_binary_function
{ static const bool value = is_unary_or_binary_function_impl<T>::value; };

//boost::alignment_of yields to 10K lines of preprocessed code, so we
//need an alternative
template <typename T> struct alignment_of;

template <typename T>
struct alignment_of_hack
{
    char c;
    T t;
    alignment_of_hack();
};

template <unsigned A, unsigned S>
struct alignment_logic
{
    static const std::size_t value = A < S ? A : S;
};

template< typename T >
struct alignment_of
{
    static const std::size_t value = alignment_logic
        < sizeof(alignment_of_hack<T>) - sizeof(T)
        , sizeof(T)
        >::value;
};

```

```

};

template <typename T, typename U>
struct is_same
{
    typedef char yes_type;
    struct no_type
    {
        char padding[8];
    };

    template <typename V>
    static yes_type is_same_tester(V*, V*);
    static no_type is_same_tester(...);

    static T *t;
    static U *u;

    static const bool value = sizeof(yes_type) == sizeof(is_same_tester(t,u));
};

template<typename T>
struct add_const
{ typedef const T type; };

template<typename T>
struct remove_const
{ typedef T type; };

template<typename T>
struct remove_const<const T>
{ typedef T type; };

template<typename T>
struct remove_cv
{ typedef T type; };

template<typename T>
struct remove_cv<const T>
{ typedef T type; };

template<typename T>
struct remove_cv<const volatile T>
{ typedef T type; };

template<typename T>
struct remove_cv<volatile T>
{ typedef T type; };

```

```

template<class T>
struct remove_reference
{
    typedef T type;
};

template<class T>
struct remove_reference<T&>
{
    typedef T type;
};

template<class Class>
class is_empty_class
{
    template <typename T>
    struct empty_helper_t1 : public T
    {
        empty_helper_t1();
        int i[256];
    };

    struct empty_helper_t2
    { int i[256]; };

    public:
    static const bool value = sizeof(empty_helper_t1<Class>) == sizeof(empty_helper_t2);
};

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

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

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

```

```

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

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

#endif //BOOST_INTRUSIVE_DETAIL_MPL_HPP
////////////////////////////////////
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// http://www.boost.org/LICENSE_1_0.txt)
//
// See http://www.boost.org/libs/interprocess for documentation.
//
////////////////////////////////////

#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif

#include <cstddef>

namespace boost {
namespace interprocess {
namespace ipcdetail {

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

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

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

```

```

typedef true_ true_type;
typedef false_ false_type;

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

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

template <class T>
struct enable_if_c<false, T> {};

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

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

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static T trigger();
public:
    static const bool value = sizeof(dispatch(trigger())) == sizeof(true_t);
};

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

template<
    typename T1
    , typename T2

```

```

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

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

template <class Pair>
struct select1st
// : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    { return x.first; }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    { return x; }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
// : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    { return x; }
};

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

template<>
struct ls_zeros<0>
{

```



```

    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {

#endif //ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
////////////////////////////////////
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//
// See http://www.boost.org/libs/container for documentation.
//
////////////////////////////////////

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#if (defined _MSC_VER) && (_MSC_VER >= 1200)
# pragma once
#endif

#include <cstddef>

namespace boost {
namespace container {
namespace container_detail {

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

template< bool C_ >
struct bool_ : integral_constant<bool, C_>

```

```

{
    static const bool value = C_;
    operator bool() const { return bool_::value; }
};

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

typedef true_ true_type;
typedef false_ false_type;

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

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

template <class T>
struct enable_if_c<false, T> {};

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

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

template <bool B, class T = void>
struct disable_if_c : public enable_if_c<!B, T> {};

template <class T, class U>
class is_convertible
{
    typedef char true_t;
    class false_t { char dummy[2]; };
    static true_t dispatch(U);
    static false_t dispatch(...);
    static T trigger();
public:
    enum { value = sizeof(dispatch(trigger())) == sizeof(true_t) };
};

template<
    bool C

```

```

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

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

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

template <class Pair>
struct select1st
// : public std::unary_function<Pair, typename Pair::first_type>
{
    template<class OtherPair>
    const typename Pair::first_type& operator()(const OtherPair& x) const
    { return x.first; }

    const typename Pair::first_type& operator()(const typename Pair::first_type& x) const
    { return x; }
};

// identity is an extension: it is not part of the standard.
template <class T>
struct identity
// : public std::unary_function<T,T>
{
    typedef T type;
    const T& operator()(const T& x) const
    { return x; }
};

```

```

};

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

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

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

template <typename T> struct unvoid { typedef T type; };
template <> struct unvoid<void> { struct type { }; };
template <> struct unvoid<const void> { struct type { }; };

} //namespace container_detail {
} //namespace container {
} //namespace boost {

#endif //ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
[/=====
Boost.Geometry (aka GGL, Generic Geometry Library)

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=====/]

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- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections

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```
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]
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=US-ASCII">
<title>MPL Interoperability</title>
<link rel="stylesheet" href="../../../../doc/src/boostbook.css" type="text/css">
<meta name="generator" content="DocBook XSL Stylesheets V1.77.1">
<link rel="home" href="../../index.html" title="Chapter&#160;1.&#160;Boost.TypeTraits">
<link rel="up" href="../../index.html" title="Chapter&#160;1.&#160;Boost.TypeTraits">
<link rel="prev" href="intrinsic.html" title="Support for Compiler Intrinsic">
```

```

<link rel="next" href="examples.html" title="Examples">
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<td valign="top"></td>
<td align="center"><a href="../../../../index.html">Home</a></td>
<td align="center"><a href="../../../../libs/libraries.htm">Libraries</a></td>
<td align="center"><a href="http://www.boost.org/users/people.html">People</a></td>
<td align="center"><a href="http://www.boost.org/users/faq.html">FAQ</a></td>
<td align="center"><a href="../../../../more/index.htm">More</a></td>
</tr></table>
<hr>
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<a accesskey="p" href="intrinsic.html"></a><a
accesskey="u" href="..index.html"></a><a accesskey="h"
href="..index.html"></a><a accesskey="n"
href="examples.html"></a>
</div>
<div class="section boost_typetraits_mpl">
<div class="titlepage"><div><div><h2 class="title" style="clear: both">
<a name="boost_typetraits.mpl"></a><a class="link" href="mpl.html" title="MPL Interoperability">MPL
Interoperability</a>
</h2></div></div></div>
<p>
All the value based traits in this library conform to MPL's requirements for
an <a href="../../../../libs/mpl/doc/refmanual/integral-constant.html" target="_top">Integral
Constant type</a>: that includes a number of rather intrusive workarounds
for broken compilers.
</p>
<p>
Purely as an implementation detail, this means that <code class="computeroutput"><a class="link"
href="reference/integral_constant.html" title="integral_constant">true_type</a></code>
inherits from <a href="../../../../libs/mpl/doc/refmanual/bool.html" target="_top"><code
class="computeroutput"><span class="identifier">boost</span><span class="special">::</span><span
class="identifier">mpl</span><span class="special">::</span><span class="identifier">true_</span></code></a>,
<code class="computeroutput"><a class="link" href="reference/integral_constant.html"
title="integral_constant">false_type</a></code>
inherits from <a href="../../../../libs/mpl/doc/refmanual/bool.html" target="_top"><code
class="computeroutput"><span class="identifier">boost</span><span class="special">::</span><span
class="identifier">mpl</span><span class="special">::</span><span class="identifier">false_</span></code></a>,
and <code class="computeroutput"><a class="link" href="reference/integral_constant.html"
title="integral_constant">integral_constant</a><span class="special"></span><span
class="identifier">T</span><span class="special">,</span>
<code class="computeroutput"><span class="identifier">v</span><span class="special"></span></code>
inherits from <a href="../../../../libs/mpl/doc/refmanual/integral-c.html" target="_top"><code
class="computeroutput"><span class="identifier">boost</span><span class="special">::</span><span
class="identifier">mpl</span><span class="special">::</span><span class="identifier">integral_c</span><span
class="special"></span><span class="identifier">T</span><span class="special">,</span><span

```

```

class="identifier">v</span><span class="special">></span></code></a>
  (provided <code class="computeroutput"><span class="identifier">T</span></code> is not <code
class="computeroutput"><span class="keyword">bool</span></code>)
  </p>
</div>
<table xmlns:rev="http://www.cs.rpi.edu/~gregod/boost/tools/doc/revision" width="100%"><tr>
<td align="left"></td>
<td align="right"><div class="copyright-footer">Copyright © 2000, 2011 Adobe Systems Inc, David
Abrahams,
  Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant,
  Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten
  Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven
  Watanabe<p>
  Distributed under the Boost Software License, Version 1.0. (See accompanying
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target="_top">http://www.boost.org/LICENSE_1_0.txt</a>)
  </p>
</div></td>
</tr></table>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsic.html"></a><a
accesskey="u" href="index.html"></a><a accesskey="h"
href="index.html"></a><a accesskey="n"
href="examples.html"></a>
</div>
</body>
</html>
[/
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http://www.boost.org/LICENSE_1_0.txt).
]

```

[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [@ ../../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type]: that includes a number of rather intrusive workarounds for broken compilers.

Purely as an implementation detail, this means that `__true_type` inherits from [@ ../../libs/mpl/doc/refmanual/bool.html `boost::mpl::true_`], `__false_type` inherits from [@ ../../libs/mpl/doc/refmanual/bool.html `boost::mpl::false_`], and `__integral_constant<T, v>` inherits from [@ ../../libs/mpl/doc/refmanual/integral-c.html `boost::mpl::integral_c<T,v>`] (provided `T` is not `bool`)

```

[endsect]
<?xml version="1.0" encoding="utf-8"?>

<!-- Copyright (c) 2001-2006 CrystalClear Software, Inc.
      Subject to the Boost Software License, Version 1.0.
      (See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
-->

<section id="date_time.license">
<title>Boost Date-Time Library License</title>
<bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
<!--
<ulink url="../../index.htm">
  <imagedata align="left"
    format="GIF"
    fileref="../../boost.png"
    alt="C++ Boost" />
</ulink>-->
<!--hr /-->
<para>
  The following is the overall license for the boost date_time
  library. This notice is found in all source files related to the
  library.
</para>
<para>
  Copyright &#169; 2002 CrystalClear Software, Inc.
</para>
<para>
  Permission to use, copy, modify, distribute and sell this software
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  and that both that copyright notice and this permission notice
  appear in supporting documentation. CrystalClear Software makes no
  representations about the suitability of this software for any
  purpose. It is provided "as is" without express or implied
  warranty.
</para>
<!--hr / -->
<ulink url="mailto:jeff@crystalclearsoftware.com">Jeff Garland</ulink>
&#169; 2000-2002
</section>
Software License, Version 1.0

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```


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[article Invalid copyright years

[quickbook 1.5]

[copyright 2010-2001 Timequake man]

]

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
```

```
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
```

```
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
```

```
xmlns:xi="http://www.w3.org/2001/XInclude">
```

```
<title>Copyright Test</title>
```

```
<articleinfo>
```

```
<copyright>
```

```
<year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
```

```
</copyright>
```

```
<copyright>
```

```
<year>2018</year> <holder>Joe Blow, John Coe</holder>
```

```
</copyright>
```

```
<copyright>
```

```
<year>1977</year> <year>1985</year> <holder>Someone else</holder>
```

```
</copyright>
```

```
</articleinfo>
```

```
</article>
```

[article Copyright Test

[quickbook 1.5]

[copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe]

[copyright 1977,1985 Someone else]

]

[article Invalid copyright

[quickbook 1.5]

[copyright No year]

]

Maybe this should pass?

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

HISTORY -

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

The garbage collector originated as part of the run-time system for

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.) This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

Copyright:

```
/+\
+\ Copyright 1993-2002 Christopher Seiwald and Performer Software, Inc.
\+/\
```

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```
/*
 *
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 * LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)
 *
 */
```

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

```
//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
```

```

const fs::path& root;
const fs::path& file;
split_path(const fs::path& r, const fs::path& f)
    : root(r), file(f){}
private:
    split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
    os << "<a href=\"\" << (p.root / p.file).string() << "\">" << p.file.string() << "</a>";
    return os;
}

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

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

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

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
        msg += m_dest_path.string();
        msg += " for output.";
        std::runtime_error e(msg);
        boost::throw_exception(e);
    }
    os <<
        "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.0 Transitional//EN\">\n"
        "<html>\n"
        "<head>\n"

```

```

"<title>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
    os << " for " << *(m_module_list.begin());
}
os <<
    "</title>\n"
    "</head>\n"
    "<body>\n"
    "<H1>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
    os << " for " << *(m_module_list.begin());
}
os <<
    "</H1>\n"
    "<H2>Contents</h2>\n"
    "<pre><a href=\"#input\">Input Information</a>\n";
if(!m_bsl_summary_mode)
    os << "<a href=\"#summary\">Licence Summary</a>\n";
os << "<a href=\"#details\">Licence Details</a>\n";

while(i != j)
{
    // title:
    os << " <a href=\"#\" << make_link_target(licenses.first[i->first].license_name)
        << "\"> << licenses.first[i->first].license_name << "</a>\n";
    ++i;
}

os << "<a href=\"#files\">Files with no recognised license</a>\n"
    "<a href=\"#authors\">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{
    os <<
        "Moving to the Boost Software License...\n"
        " <a href=\"#bsl-converted\">Files that can be automatically converted to the Boost Software License</a>\n"
        " <a href=\"#to-bsl\">Files that can be manually converted to the Boost Software License</a>\n"
        " <a href=\"#not-to-bsl\">Files that can <b>NOT</b> be moved to the Boost Software License</a>\n"
        " <a href=\"#need-bsl-authors\">Authors we need to move to the Boost Software License</a>\n"
        "<a href=\"#copyright\">Copyright Holder Information</a>\n";
}
os <<
    "<a href=\"#depend\">File Dependency Information</a>\n"
    "</pre>";

//
// input Information:

```

```

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

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
    os << *si << "<BR>";
    ++si;
}
os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></P>";
//
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
//
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(
    "^[[[:blank:]]*#[[:blank:]]*define[[[:blank:]]+BOOST_VERSION[[[:blank:]]+](\\d+)");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
    int version = boost::lexical_cast<int>(what.str(1));
    os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100
<< "</P>\n";
}

//
// output each license:
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
    //
    // start with the summary:
    //
    os << "<a name=\"summary\"></a><h2>Licence Summary</h2>\n";
    while(i != j)
    {
        // title:
        os <<
            "<H3>" << licenses.first[i->first].license_name << "</H3>\n";
        // license text:
    }
}

```

```

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

```



```

    }
    os << "</P></BLOCKQUOTE>\n";
}
else
{
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
}
++license_index;
++i;
}
//
// Output list of files not found to be under license control:
//
os << "<h2><a name=\"files\"></a>Files With No Recognisable Licence</h2>\n"
    "<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
information:</P><BLOCKQUOTE><P>\n";
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of files with no found copyright holder:
//
os << "<h2><a name=\"authors\"></a>Files With No Recognisable Copyright Holder</h2>\n"
    "<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
holder:</P>\n<BLOCKQUOTE><P>";
i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
if(!m_bsl_summary_mode)
{
    //
    // Output list of files that have been moved over to the Boost
    // Software License, along with enough information for human
    // verification.
    //
    os << "<h2><a name=\"bsl-converted\"></a>Files that can be automatically converted to the Boost Software

```

License</h2>\n"

<< "<P>The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:</P>\n";

```
if (!m_converted_to_bsl.empty())
{
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
        ::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
        ie = m_converted_to_bsl.end();
    int file_num = 1;
    while (i != ie)
    {
        os << "<P>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
            << "</tt><br>\n<table border='1'\n <tr>\n <td><pre>"
            << i->second.first << "</pre></td>\n <td><pre>"
            << i->second.second << "</pre></td>\n </tr>\n</table>\n";
        ++i;
        ++file_num;
    }
}
//
// Output list of files that could be moved over to the Boost Software License
//
```

os << "<h2>Files that could be converted to the Boost Software License</h2>\n"
"<P>The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost Software License, but have not yet been:</P>\n<BLOCKQUOTE><P>";

```
i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of files that can not be moved over to the Boost Software License
//
```

os << "<h2>Files that can NOT be converted to the Boost Software License</h2>\n"

"<P>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:</P>\n<BLOCKQUOTE><P>";

```
i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>\n";
    ++i2;
}
}
```

```

os << "</p></BLOCKQUOTE>";
//
// Output list of authors that we need permission for to move to the BSL
//
os << "<h2><a name=\"need-bsl-authors\"></a>Authors we need for the BSL</h2>\n"
"<P>Permission of the following authors is needed before we can convert to the Boost Software License. The
list of authors that have given their permission is contained in <code>more/blanket-
permission.txt</code>.</P>\n<BLOCKQUOTE><P>";
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "<br>\n"));
os << "</p></BLOCKQUOTE>";
//
// output a table of copyright information:
//
os << "<H2><a name=\"copyright\"></a>Copyright Holder Information</H2><table border=\"1\">\n";
std::map<std::string, std::set<fs::path, path_less>>::const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
{
os << "<tr><td>" << ad->first << "</td><td>";
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = ad->second.begin();
efi = ad->second.end();
while(fi != efi)
{
os << split_path(m_boost_path, *fi) << " ";
++fi;
}
os << "</td></tr>\n";
++ad;
}
os << "</table>\n";
}

//
// output file dependency information:
//
os << "<H2><a name=\"depend\"></a>File Dependency Information</H2><BLOCKQUOTE><pre>\n";
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());

```

```

bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
    ::const_iterator conv_iterator;
conv_iterator i = m_converted_to_bsl.begin(),
    ie = m_converted_to_bsl.end();
while(i != ie)
{
    bad_paths.insert(i->first);
    ++i;
}
fi = bad_paths.begin();
efi = bad_paths.end();
os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
    os << split_path(m_boost_path, *fi);
    dep = m_dependencies.find(*fi);
    last_dep = m_dependencies.end();
    std::set<fs::path, path_less> seen_deps;
    if (dep != last_dep)
        while(true)
        {
            os << " -> ";
            if(fs::exists(m_boost_path / dep->second))
                os << split_path(m_boost_path, dep->second);
            else if(fs::exists(dep->second))
                os << split_path(fs::path(), dep->second);
            else
                os << dep->second.string();
            if(seen_deps.find(dep->second) != seen_deps.end())
            {
                os << " <I>(Circular dependency!)</I>";
                break; // circular dependency!!!
            }
            seen_deps.insert(dep->second);
            last_dep = dep;
            dep = m_dependencies.find(dep->second);
            if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
                break;
        }
    os << "\n";
    ++fi;
}
os << "</pre></BLOCKQUOTE>\n";

```

```

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

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

```

```

}

```

Index: boost/mpl/print.hpp

```

=====
--- boost/mpl/print.hpp (revision 83411)
+++ boost/mpl/print.hpp (working copy)
@@ -45,22 +45,21 @@
     : mpl::identity<T>
#if defined(__MWERKS__)
    , aux::print_base
-#endif
+#endif
{
#if defined(BOOST_MSVC)
    enum { n = sizeof(T) + -1 };
#elif defined(__MWERKS__)
    void f(int);
-#else
-   enum {
-       n =
-# if defined(__EDG_VERSION__)
-       aux::dependent_unsigned<T>::value > -1
-# else
-       sizeof(T) > -1
-# endif
-   };
-#endif
+ #elif defined(__EDG_VERSION__)
+   enum { n = aux::dependent_unsigned<T>::value > -1 };
+ #elif defined(BOOST_GCC)
+   enum { n1 };
+   enum { n2 };
+   enum { n = n1 != n2 };
+ #else
+   enum { n = sizeof(T) > -1 };
+ #endif
};

```

#if defined(BOOST_MSVC)

1.30 boost 1.42.0

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1.32 bzip2 1.0.6 :13.e17

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

1.33 ca-certificates 2017.2.14 :71.el7

1.34 cairo 1.14.8 :2.el7

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1.37 ceph-common 0.94.5 :2.el7

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1.39 chkconfig 1.7.4 :1.e17

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1.57 commons-lang 2.0

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

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
  <meta name="AUTHOR" content="pme@gcc.gnu.org (Phil Edwards)" />
  <meta name="KEYWORDS" content="libstdc++, license, licence" />
  <meta name="DESCRIPTION" content="Copying restrictions for libstdc++." />
  <meta name="GENERATOR" content="vi and eight fingers" />
  <title>libstdc++-v3 copying</title>
  <link rel="StyleSheet" href="..lib3styles.css" />
</head>
<body>

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<p>There are two licenses affecting GNU libstdc++-v3: one for the code, and
one for the documentation. Here we will describe both of them, and try
to answer some of the widespread questions. If you have more questions,
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```

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</p>

<!-- Most of the Q&A's are based on, paraphrased from, and outright stolen from this thread:

<http://gcc.gnu.org/ml/libstdc++/2000-q2/subjects.html#00050>

-->

<p>Q: So any program which uses libstdc++ falls under the GPL?

A: No. The special exception permits use of the library in proprietary applications.

</p>

<p>Q: How is that different from the GNU {Lesser,Library} GPL?

<!-- Quoting Jason Merrill from the thread above: -->

A: The LGPL requires that users be able to replace the LGPL code with a modified version; this is trivial if the library in question is a C shared library. But there's no way to make that work with C++, where much of the library consists of inline functions and templates, which are expanded inside the code that uses the library. So to allow people to replace the library code, someone using the library would have to distribute their own source, rendering the LGPL equivalent to the GPL.

</p>

<p>Q: I see. So, what restrictions are there on programs that use the library?

A: None. We encourage such programs to be released as open source, but we won't punish you or sue you if you choose otherwise.

</p>

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Ty Coon, President of Vice

That's all there is to it!
f2c is a Fortran to C converter under development since 1990 by
David M. Gay (then AT&T Bell Labs, now Bell Labs, Lucent Technologies)
Stu Feldman (then at Bellcore, now at IBM)
Mark Maimone (Carnegie-Mellon University)
Norm Schryer (then AT&T Bell Labs, now AT&T Labs)
Please send bug reports to dmg@research.bell-labs.com .

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```
*****/
#undef LIB_SPEC
#define LIB_SPEC "%{!p:%{!pg:-lc}}%{p:-lc_p}%{pg:-lc_p}"

#undef STARTFILE_SPEC
#define STARTFILE_SPEC "%{pg:gcrto.o%s}%{!pg:%{p:gcrto.o%s}}{!p:crt0.o%s}"
# Exactly the same as t-mips-gas, except we must define SYSTEM_HEADER_DIR
# to point to the bsd43 include files.
SYSTEM_HEADER_DIR = /bsd43/usr/include
/* Definitions of target machine for GNU compiler. MIPS RISC-OS BSD version.
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```

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```
#define MIPS_BSD43

#define CPP_PREDEFINES "\
-Dmips -Dunix -Dhost_mips -DMIPSEB -DR3000 -DSYSTYPE_BSD43 \
-D_mips -D_unix -D_host_mips -D_MIPSEB -D_R3000 -D_SYSTYPE_BSD43 \
```

```

-Asystem=unix -Asystem=bsd -Acpu=mips -Amachine=mips"

#define STANDARD_INCLUDE_DIR "/bsd43/usr/include"

#define LINK_SPEC "\
%{G*} %{EB} %{EL} %{mips1} %{mips2} %{mips3} \
%{bestGnum} %{shared} %{non_shared} \
-systype /bsd43/"

#define LIB_SPEC "%{p:-lprof1} %{pg:-lprof1} -lc"

#define STARTFILE_SPEC "%{pg:gcr0.o%s} %{!pg:%{p:mcrt0.o%s} %{!p:crt1.o%s crtn.o%s} }"

#define MACHINE_TYPE "RISC-OS BSD Mips"

/* Generate calls to memcpy, etc., not bcopy, etc. */
#define TARGET_MEM_FUNCTIONS

/* Override defaults for finding the MIPS tools. */
#define MD_STARTFILE_PREFIX "/bsd43/usr/lib/cmplrs/cc/"
#define MD_EXEC_PREFIX "/bsd43/usr/lib/cmplrs/cc/"
# Exactly the same as t-mips, except we must define SYSTEM_HEADER_DIR
# to point to the bsd43 include files.
SYSTEM_HEADER_DIR = /bsd43/usr/include
# BSD on the PA already has ANSI include files which are c++ compatible.
STMP_FIXPROTO=
#undef ASCII_DATA_ASM_OP
#define ASCII_DATA_ASM_OP "\t.ascii\t"
#undef TARGET_VERSION
#define TARGET_VERSION fprintf (stderr, " (i860, BSD)")

/* BSD UN*X systems use BSD STABS debugging info. */

#define DBX_DEBUGGING_INFO

#define ASCII_DATA_ASM_OP "\t.byte\t"
#define ASM_OUTPUT_ASCII(f, p, size) \
do { register size_t i, limit = (size); \
int inside; \
inside = FALSE; \
for (i = 0; i < limit; i++) { \
if (i % 64 == 0) { \
if (i != 0) { \
if (inside) \
putc("", (f)); \
putc('\n', (f)); \
inside = FALSE; \
} \
} \
} \
} \

```

```

    fprintf((f), "%s", ASCII_DATA_ASM_OP); \
} \
if ((p)[i] < 32 || (p)[i] == '\\' || (p)[i] == '"' || (p)[i] >= 127) { \
    if (inside) { \
putc('"', (f)); \
inside = FALSE; \
    } \
    if (i % 64 != 0) \
putc(',', (f)); \
    fprintf((f), "%d", (p)[i]); \
    } else { \
    if (!inside) { \
if (i % 64 != 0) \
    putc(',', (f)); \
putc('"', (f)); \
inside = TRUE; \
    } \
    putc((p)[i], (f)); \
    } \
} \
if (inside) \
    putc('"', (f)); \
putc('\n', (f)); \
} while (0)

```

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.

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

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```
package java.security;
```

```
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.

*

* The most important method in this class is `implies`. 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.

*

* `Permission`'s are not dynamic objects. Once created, a
* `Permission`'s name and action list cannot be changed.

*

* @version 0.0

*

* @author Aaron M. Renn (arenn@urbanophile.com)

*/

```
public abstract class Permission implements Guard, Serializable
```

```
{
```

```
/**
```

```
 * This is the name assigned to this permission object.
```

```
*/
```

```
private String name; // Taken from the serializable form information
```

```
/**
```

```
 * This method initializes a new instance of Permission to  
 * have the specified name.
```

```
*/
```

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

```
{
```

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

```
}
```

```
/**
```

```
 * This method returns the name of this Permission
```

```
 *
```

```
 * @return The name of this Permission
```

```
*/
```

```
public final String getName()
```

```
{
```

```
    return (name);
```

```
}
```

```
/**
```

```
 * This method returns the list of actions for this Permission
```

```
 * as a String.
```

```

*
* @return The action list for this <code>Permission</code>.
*/
public abstract String getActions();

/**
* This method implements the <code>Guard</code> interface for this class.
* It calls the <code>checkPermission</code> method in
* <code>SecurityManager</code> with this <code>Permission</code> as its
* argument. This method returns silently if the security check succeeds
* or throws an exception if it fails.
*
* @param obj The <code>Object</code> being guarded - ignored by this class
*
* @exception SecurityException If the security check fails
*/
public void checkGuard(Object obj) throws SecurityException
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
* Check to see if this object equals OBJ.
*/
public abstract boolean equals (Object obj);

/**
* 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 <code>>true</code> if the specified <code>Permission</code> is implied by this one,
<code>>false</code> otherwise.
*/
public abstract boolean implies(Permission perm);

/**
* This method returns a hash code for this <code>Permission</code>.
*
* @return A hash value.
*/
public abstract int hashCode();

/**
* This method returns a <code>String</code> representation of this

```

```

* <code>Permission</code> object.
*
* @return This object as a <code>String</code>.
*/
public String toString()
{
    return ("\" + getClass().getName() + "\" + getName() +
        "\" + \" + 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.
*
* @return A new <code>PermissionCollection</code>
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}
}
/* Permission.java -- Information about an ACL permission
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```

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```
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```

```
/**
```

```
* This interface provides information about a permission that can be  
* granted. Note that this is not the same as the class  
* java.security.Permission.
```

```
*
```

```
* @version 0.0
```

```
*
```

```
* @author Aaron M. Renn (arenn@urbanophile.com)
```

```
*/
```

```
public interface Permission
```

```
{
```

```
/**
```

```
* This method tests whether or not a specified Permission  
* (passed as an Object) is the same as this permission.
```

```
*
```

```
* @param perm The permission to check for equality
```

```
*
```

```
* @return true if the specified permission is the same as this one, false otherwise
```

```
*/
```

```
public abstract boolean equals(Object perm);
```

```
/**
```

```
* This method returns this Permission as a String.
```

```
*
```

```
* @return A String representing this permission.
```

```
*/
```

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

```
}
```

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Version 3, 29 June 2007

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```

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

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

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

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

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

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

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

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Version 2.1, February 1999

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^L

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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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<one line to give the library's name and a brief idea of what it does.>

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

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

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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=
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 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=
=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
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

>=20

> 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.

>=20

> the original license (before moving to sourceforge -- aka, 2.7) was

> not

> GPL-2 ... it was a modified artistic license ... i didnt notice the

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> 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 isnt the

> place of a

> library to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

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

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

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

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

Devin

--

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

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <naln@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

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

>> additional code, so whatever licensing y'all come up with is fine
>> by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

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

> GPL would permit applications which were released under version 3 of the
> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

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

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

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

>

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

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

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

> >

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

>

> yes. go for it. thanks++

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

-mike

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

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

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

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

From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (gmail 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 191Gxtp020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO

Content-Length: 585

Lines: 21

>

> ----- Forwarded message -----

> From: Neulinger, Nathan <nneul@umr.edu>

> Date: Sep 27, 2007 2:58 PM

> Subject: RE: cracklib license

> To: alecm@crypto.dircon.co.uk

>

> Any chance you could write me a self-contained email stating clearly

> that the license is being changed to GPL, so I could include that

> email

> in the repository and clean up the repository/tarballs? I have all the

> original discussion, but something succinct and self contained

> would be

> ideal.

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

Happy now? :-)

-a

```
#!/usr/bin/python
```

```
# Copyright 2009, 2012 Jan Dittberner <jan@dittberner.info>
```

```
#
```

```
# This file is part of cracklib.
```

```
#
```

```
# cracklib 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 2 of the License, or
```

```
# (at your option) any later version.
```

```
#
```

```
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```

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# WITHOUT ANY WARRANTY; without even the implied warranty of
```

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# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
```

```
# General Public License for more details.
```

```
#
```

```
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```

```
# along with Prua; if not, write to the Free Software Foundation,
```

```
# Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

1.69 cronie 1.4.11 :17.el7

1.69.1 Available under license :

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*

```

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*
* @(#)bitstring.h 8.1 (Berkeley) 7/19/93
*/

```

1.70 cryptsetup 1.7.4 :3.el7

1.70.1 Available under license :

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Version 2.1, February 1999

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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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```

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Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

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

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

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

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

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

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

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

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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

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

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

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

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

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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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<one line to give the library's name and a brief idea of what it does.>

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

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

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

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

<HTML>

<!-- SECTION: Getting Started -->

<HEAD>

<TITLE>Software License Agreement</TITLE>

<LINK REL="STYLESHEET" TYPE="text/css" HREF=" ../cups-printable.css">

</HEAD>

<BODY>

<H1 CLASS="title">Software License Agreement</H1>

<P ALIGN="CENTER">Copyright 2007-2012 by Apple Inc.

1 Infinite Loop

Cupertino, CA 95014 USA

WWW: http://www.cups.org/

<H2 CLASS="title">Introduction</H2>

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<OL TYPE="a">

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<P>Version 2, June 1991

<PRE>

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<OL START="0">

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<PRE>

<VAR>one line to give the program's name and an idea of what it does.</VAR>
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<P>Also add information on how to contact you by electronic and paper mail.

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

<PRE>

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

<P>The hypothetical commands <SAMP>`show w'</SAMP> and <SAMP>`show c'</SAMP> 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'</SAMP> and <SAMP>`show c'</SAMP>; they could even be mouse-clicks or menu items--whatever suits your program.

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<PRE>

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(which makes passes at compilers) written
by James Hacker.

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

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<P>Version 2, June 1991

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[This is the first released version of the library GPL. It is
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<P>"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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<OL TYPE="a">

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<P>

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<P>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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<P>

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<P>

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Ty Coon, President of Vice

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</BODY>

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1.72 curl 7.29.0 :46.2.el7.centos

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1.73 curl 7.61.1

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1.74 cyrus-sasl 2.1.26 :21.e17

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* Tim Martin
* Rob Earhart
* Rob Siemborski
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1.78 dbus-python 1.1.1 :9.el7

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1.80 device-mapper-multipath 0.4.9 :111.el7

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1.81 device-mapper-persistent-data 0.7.0 :0.1.rc6.el7

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1.82 dhcp 4.2.5 :58.el7.centos

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<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

```
<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="$isc.copyright.leader"/>
  <xsl:value-of select="normalize-space(substring-before($text, '#10;'))"/>
  <xsl:text>#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '#10;')"/>
  <xsl:if test="translate($rest, '#9;#32;', '')">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>
```

```
<xsl:variable name="isc.copyright.text">
  <xsl:text>
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```

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```

```
</xsl:text>
</xsl:variable>
```

```
<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
```

```

    <xsl:with-param name="text">
<xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
  <xsl:text>Copyright (C) </xsl:text>
  <xsl:call-template name="copyright.years">
    <xsl:with-param name="years" select="year"/>
  </xsl:call-template>
  <xsl:text> </xsl:text>
  <xsl:value-of select="holder"/>
  <xsl:text> &#10;</xsl:text>
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>

```

```
</xsl:stylesheet>
```

```
<!--
```

```
- Local variables:
```

```
- mode: sgml
```

```
- End:
```

```
-->
```

```
Redistribution terms
```

```
Automated Testing Framework
```

```
=====
```

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

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

```
=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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1.83 diffutils 3.3 :4.e17

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```
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1.92 e2fsprogs 1.42.9 :10.el7

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Theodore Ts'o
23-June-2007

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

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

*/

/*

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

- trivial database library - private includes

-

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#

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

#

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

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

#

all:: image

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

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

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(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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```

```
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1.93 ebttables 2.0.10 :15.e17

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1.94 ehcache 1.7.2

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1.96 elfutils 0.168 :8.el7

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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.

<one line to give the library's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.111 gamin 0.1.10 :16.el7.x86_64

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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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.

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

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without

changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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

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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

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

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

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- 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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Gamin is a file and directory monitoring system defined to be a subset of the FAM (File Alteration Monitor) system.

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1.112 gawk 4.0.2 :4.e17_3.1

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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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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) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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Version 3, 29 June 2007

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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.

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

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@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

@enumerate 0

@item

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ``this License"). Each licensee is addressed as ``you".

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

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

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

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

@item

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.

@item

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

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The modified work must itself be a software library.

@item

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

@item

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

@item

If a facility in the modified Library refers to a function or a

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

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

@end enumerate

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

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

In addition, mere aggregation of another work not based on the Library 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.

@item

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.

@item

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.

@item

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

@item

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

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

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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

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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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.

@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.

@end enumerate

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

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

@item

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

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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.

@item

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.

@end enumerate

@item

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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@item

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@end enumerate

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@heading END OF TERMS AND CONDITIONS

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@center END OF TERMS AND CONDITIONS

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@page

@appendixsubsec 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.

@smallexample

@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.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

@end smallexample

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

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:

@smallexample

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

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

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Version 2.1, February 1999

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

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that 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.

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Version 2.1, February 1999

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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/* 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) \nfprintf (FILE, "\t.space "HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

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

/* This says how to output an assembler line


```

to define a global common symbol. */

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

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

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

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

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

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

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

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

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

#define USER_LABEL_PREFIX "_"

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

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0
@ignore
@c Set file name and title for man page.

```

```
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@settitle GNU Free Documentation License
@c man begin SEEALSO
gpl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
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@uref{http://fsf.org/}
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@c This file is intended to be included within another document,
@c hence no sectioning command or @node.
@c man end
@end ignore
@c Special handling for inclusion in the install manual.
@ifset gfdlhtml
@ifnohtml
@comment node-name, next, previous, up
@node GNU Free Documentation License, Concept Index, Old, Top
@end ifnohtml
@html
<h1 align="center">Installing GCC: GNU Free Documentation License</h1>
@end html
@ifnohtml
@unnumbered GNU Free Documentation License
@end ifnohtml
@end ifset
@c man begin DESCRIPTION
@ifclear gfdlhtml
@node GNU Free Documentation License
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@end display
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@enumerate 0
@item
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@ignore

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@c man end

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dossier (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dossier provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agg@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)
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```
#!/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 + '\n')
        self.num_errors += 1

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

```

```

class GenericFilter:

```

```

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

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

        # Skip auto- and libtool-related files
        'aclocal.m4',
        'compile',
        'config.guess',
        'config.sub',
        'depcomp',
        'install-sh',
        'libtool.m4',
        'ltmain.sh',
        'ltoptions.m4',
        'ltsugar.m4',
        'ltversion.m4',
        'lt~obsolete.m4',
        'missing',
        'mkdep',
        'mkinstalldirs',
        'move-if-change',
        'shlibpath.m4',
        'symlink-tree',
        'ylwrap',

        # Skip FSF mission statement, etc.
        'gnu.texi',
        'funding.texi',
        'appendix_free.xml',

        # Skip imported texinfo files.
        'texinfo.tex',
    ])

```



```

def get_line_filter (self, dir, filename):
    if filename.startswith ('ChangeLog'):
        # Ignore references to copyright in changelog entries.
        return re.compile ('\t')

    return None

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

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

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

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

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

    return False

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

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

def by_package_author (self, dir, filename):

```

```
return filename in self.own_files
```

```
class Copyright:
```

```
def __init__(self, errors):
```

```
    self.errors = errors
```

```
    # Characters in a range of years. Include '.' for typos.
```

```
    ranges = '[0-9](?:[-0-9.,\s])\s+and\s+[0-9]'
```

```
    # Non-whitespace characters in a copyright holder's name.
```

```
    name = '[\w.,-]'
```

```
    # Matches one year.
```

```
    self.year_re = re.compile('[0-9]+')
```

```
    # Matches part of a year or copyright holder.
```

```
    self.continuation_re = re.compile(ranges + '|' + name)
```

```
    # Matches a full copyright notice:
```

```
    self.copyright_re = re.compile (
```

```
        # 1: 'Copyright (C)', etc.
```

```
        '[Cc]opyright'
```

```
        '|[Cc]opyright\s+\([Cc]\)'
```

```
        '|[Cc]opyright\s+%s'
```

```
        '|[Cc]opyright\s+&copy;'
```

```
        '|[Cc]opyright\s+@copyright{ }'
```

```
        '|@set\s+copyright[\w-]+)'
```

```
    # 2: the years. Include the whitespace in the year, so that
```

```
    # we can remove any excess.
```

```
    '(\s*(?:' + ranges + ',?)'
```

```
    '@value\{[\^{}]*\})\s*)'
```

```
    # 3: 'by ', if used
```

```
    '(by\s+)?'
```

```
    # 4: the copyright holder. Don't allow multiple consecutive
```

```
    # spaces, so that right-margin gloss doesn't get caught
```

```
    # (e.g. gnat_ugn.texi).
```

```
    '(' + name + '(?:\s?' + name + ')*)?')
```

```
    # A regexp for notices that might have slipped by. Just matching
```

```
    # 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
```

```
    # HTML header markers, so check for 'copyright' and two digits.
```

```
    self.other_copyright_re = re.compile('copyright.*[0-9][0-9]',
```

```
        re.IGNORECASE)
```

```
    self.comment_re = re.compile('#+[*]+;+%+//+|@c |dnl ') 
```

```
    self.holders = { '@copying': '@copying' }
```

```

self.holder_prefixes = set()

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

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

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

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

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

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

    def __str__ (self):
        return 'unrecognised year: ' + self.year

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

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

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

```

```

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

def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith ('@value'):
        return years

    (min_year, max_year) = self.year_range (years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

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

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

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

    intro = match.group (1)
    if intro.startswith ('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
        if after_years != "":
            self.errors.report (pathname,
                                'trailing characters in @set: '
                                + after_years)
        return (False, orig_line, next_line)

```

```

else:
    # If it looks like the copyright is incomplete, add the next line.
    while not self.is_complete (match):
        try:
            next_line = file.next()
        except StopIteration:
            break

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

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

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

holder = match.group (4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report (pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

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

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

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

```

```

        + line[match.end (4):])

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

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

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

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

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

return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return

    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.

```

```

if not (line_filter and line_filter.match (line)):
    match = self.copyright_re.search (line)
    if match:
        res = self.update_copyright (dir, filename, filter,
                                     file, line, match)
        (this_changed, line, next_line) = res
        changed = changed or this_changed

    # Check for copyright lines that might have slipped by.
    elif self.other_copyright_re.search (line):
        self.errors.report (pathname,
                            'unrecognised copyright: %s'
                            % line.strip())
    lines.append (line)
    line = next_line

# If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
    with open (tmp_pathname, 'w') as file:
        for line in lines:
            file.write (line)
    if self.use_quilt:
        subprocess.call (['quilt', 'add', pathname])
    os.rename (tmp_pathname, pathname)

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

        # Handle the files in this directory.
        for filename in filenames:
            if filter.skip_file (dir, filename):
                sys.stdout.write ('Skipping %s\n'
                                 % os.path.join (dir, filename))
            else:
                self.process_file (dir, filename, filter)

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

```

```

self.option_handlers = dict()
self.option_help = []

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

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

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

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...\n\n'
                     'Options:\n' % sys.argv[0])
    format = '%-15s %s\n'
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('\nDirectories:\n')

    format = '%-25s'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '\n')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

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

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

def main (self):
    for arg in sys.argv[1:]:
        if arg[1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)

```



```

if self.errors.ok():
    if len (self.chosen_dirs) == 0:
        self.chosen_dirs = self.default_dirs
    if len (self.chosen_dirs) == 0:
        self.o_help()
    else:
        for chosen_dir in self.chosen_dirs:
            canon_dir = os.path.join (chosen_dir, ")
            count = 0
            for (dir, filter) in self.dirs:
                if (dir + os.sep).startswith (canon_dir):
                    count += 1
                    self.copyright.process_tree (dir, filter)
            if count == 0:
                self.errors.report (None, 'unrecognised directory: '
                                    + chosen_dir)
sys.exit (0 if self.errors.ok() else 1)

```

#-----

```

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

```

```

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

```

```

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

```

```

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

```

```

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

```

```

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

```

```

        'ada',

        # Handled separately.
        'testsuite',
    ])

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

        # Automatically-generated.
        'pot',
    ])

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

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

        self.skip_extensions |= set ([
            # Don't change the tests, which could be woened by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

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

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

```

```

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

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

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

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

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

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

            # Not really part of the library
            'contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        ])

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

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

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

```

```

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

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

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

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

            # Contains imported images
            'images',
        ])

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

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

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

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

        self.add_external_author ('ARM')
        self.add_external_author ('AdaCore')
        self.add_external_author ('Ami Tavory and Vladimir Dreizin, IBM-HRL.')

```

```

self.add_external_author ('Cavium Networks.')
self.add_external_author ('Faraday Technology Corp.')
self.add_external_author ('Florida State University')
self.add_external_author ('Greg Colvin and Beman Dawes.')
self.add_external_author ('Hewlett-Packard Company')
self.add_external_author ('Information Technology Industry Council.')
self.add_external_author ('James Theiler, Brian Gough')
self.add_external_author ('Makoto Matsumoto and Takuji Nishimura,')
self.add_external_author ('National Research Council of Canada.')
self.add_external_author ('Peter Dimov and Multi Media Ltd.')
self.add_external_author ('Peter Dimov')
self.add_external_author ('Pipeline Associates, Inc.')
self.add_external_author ('Regents of the University of California.')
self.add_external_author ('Silicon Graphics Computer Systems, Inc.')
self.add_external_author ('Silicon Graphics')
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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 Go Authors.')
self.add_external_author ('The Regents of the University of California.')
self.add_external_author ('Unicode, Inc.')
self.add_external_author ('University of Toronto.')

```

```
class GCCCmdLine (CmdLine):
```

```

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

    self.add_dir ('.', TopLevelFilter())
    # Boehm-gc is imported from upstream.
    self.add_dir ('config', ConfigFilter())
    # contrib isn't really part of GCC.
    self.add_dir ('fixincludes')
    self.add_dir ('gcc', GCCFilter())
    self.add_dir (os.path.join ('gcc', 'testsuite'), TestSuiteFilter())
    self.add_dir ('gnattools')
    self.add_dir ('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',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

```

GCCcmdLine().main()

```

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html
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charset=UTF-8" /><title>License</title><meta name="generator" content="DocBook XSL-NS Stylesheets
V1.78.1" /><meta name="keywords" content="ISO C++, library" /><meta name="keywords" content="ISO C++,
runtime, library" /><link rel="home" href=".." index.html" title="The GNU C++ Library" /><link rel="up"
href="status.html" title="Chapter1.Status" /><link rel="prev" href="status.html" title="Chapter1.Status" /><link
rel="next" href="bugs.html" title="Bugs" /></head><body><div class="navheader"><table width="100%"
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align="left"><a accesskey="p" href="status.html">Prev</a></td><th width="60%"
align="center">Chapter1.Status</th><td width="20%" align="right"><a accesskey="n"
href="bugs.html">Next</a></td></tr></table><hr /></div><div class="section"><div
class="titlepage"><div><div><h2 class="title" style="clear: both"><a
id="manual.intro.status.license"></a>License</h2></div></div></div><p>
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```

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```
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xml:id="appendix.gfdl-1.3">

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<?dbhtml filename="appendix_gfdl.html"?>

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</bridgehead>

<simpara>

Massive Multiauthor Collaboration Site (or MMC Site) means any World Wide Web server that publishes copyrightable works and also provides prominent facilities for anybody to edit those works. A public wiki that anybody can edit is an example of such a server. A Massive Multiauthor Collaboration (or MMC) contained in the site means any set of copyrightable works thus published on the MMC site.

</simpara>

<simpara>

CC-BY-SA means the Creative Commons Attribution-Share Alike 3.0 license published by Creative Commons Corporation, a not-for-profit corporation with a principal place of business in San Francisco, California, as well as future copyleft versions of that license published

by that same organization.

</simpara>

<simpara>

Incorporate means to publish or republish a Document, in whole or in part, as part of another Document.

</simpara>

<simpara>

An MMC is eligible for relicensing if it is licensed under this License, and if all works that were first published under this License somewhere other than this MMC, and subsequently incorporated in whole or in part into the MMC, (1) had no cover texts or invariant sections, and (2) were thus incorporated prior to November 1, 2008.

</simpara>

<simpara>

The operator of an MMC Site may republish an MMC contained in the site under CC-BY-SA on the same site at any time before August 1, 2009, provided the MMC is eligible for relicensing.

</simpara>

<bridgehead xml:id="fdl-1-addendum" renderas="sect2">

ADDENDUM: How to use this License for your documents

</bridgehead>

<simpara>

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

</simpara>

<screen>Copyright YEAR YOUR NAME

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.3 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled GNU Free Documentation License.</screen>

<simpara>

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the with Texts. line with this:

</simpara>

<screen>with the Invariant Sections being LIST THEIR TITLES, with the Front-Cover Texts being LIST, and with the Back-Cover Texts being LIST.</screen>

<simpara>

If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

</simpara>

<simpara>

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their

use in free software.

</simpara>

</appendix>

<appendix xmlns="http://docbook.org/ns/docbook" version="5.0" xml:id="appendix.gpl-3.0"><info><title><acronym>GNU</acronym> General Public License version 3</title></info><?dbhtml filename="appendix_gpl.html"?>

<para>Version 3, 29 June 2007</para>

<para>Copyright 2007 Free Software Foundation, Inc.
<link xmlns:xlink="http://www.w3.org/1999/xlink" xlink:href="http://www.fsf.org">http://www.fsf.org</link></para>

<para>Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.</para>

<bridgehead xml:id="gpl-3-preamble" renderas="sect1">Preamble</bridgehead>

<para>The <acronym>GNU</acronym> General Public License is a free, copyleft license for software and other kinds of works.</para>

<para>The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the <acronym>GNU</acronym> General Public License is intended to guarantee your freedom to share and change all versions of a program to make sure it remains free software for all its users. We, the Free Software Foundation, use the <acronym>GNU</acronym> General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.</para>

<para>When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.</para>

<para>To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain

responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

</para>

<para>

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

</para>

<para>

Developers that use the <acronym>GNU</acronym> <acronym>GPL</acronym> protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

</para>

<para>

For the developers and authors protection, the <acronym>GPL</acronym> clearly explains that there is no warranty for this free software. For both users and authors sake, the <acronym>GPL</acronym> requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

</para>

<para>

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the <acronym>GPL</acronym> to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the <acronym>GPL</acronym>, as needed to protect the freedom of users.

</para>

<para>

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

</para>

<para>

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

</para>

<bridgehead>

TERMS AND CONDITIONS

</bridgehead>

<bridgehead xml:id="gpl-3-definitions" renderas="sect1">

0. Definitions.

</bridgehead>

<para>

This License refers to version 3 of the <acronym>GNU</acronym> General Public License.

</para>

<para>

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

</para>

<para>

The Program refers to any copyrightable work licensed under this License. Each licensee is addressed as you. Licensees and recipients may be individuals or organizations.

</para>

<para>

To modify a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a modified version of the earlier work or a work based on the earlier work.

</para>

<para>

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

</para>

<para>

To propagate a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

</para>

<para>

To convey a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

</para>

<para>

An interactive user interface displays Appropriate Legal Notices to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent

that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

</para>

<bridgehead xml:id="SourceCode" renderas="sect1">

1. Source Code.

</bridgehead>

<para>

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.

</para>

<para>

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.

</para>

<para>

The System Libraries of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A Major Component, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

</para>

<para>

The Corresponding Source for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the works System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

</para>

<para>

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

</para>

<para>

The Corresponding Source for a work in source code form is that same work.

</para>

<bridgehead xml:id="BasicPermissions" renderas="sect1">

2. Basic Permissions.

</bridgehead>

<para>

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

</para>

<para>

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

</para>

<para>

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

</para>

<bridgehead xml:id="Protecting" renderas="sect1">

3. Protecting Users Legal Rights From Anti-Circumvention Law.

</bridgehead>

<para>

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

</para>

<para>

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the works users, your or

third parties legal rights to forbid circumvention of technological measures.

</para>

<bridgehead xml:id="ConveyingVerbatim" renderas="sect1">

4. Conveying Verbatim Copies.

</bridgehead>

<para>

You may convey verbatim copies of the Programs source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

</para>

<para>

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

</para>

<bridgehead xml:id="ConveyingModified" renderas="sect1">

5. Conveying Modified Source Versions.

</bridgehead>

<para>

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

</para>

<orderedlist numeration="loweralpha" inheritnum="ignore" continuation="restarts">

<listitem>

<para>

The work must carry prominent notices stating that you modified it, and giving a relevant date.

</para>

</listitem>

<listitem>

<para>

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to keep intact all notices.

</para>

</listitem>

<listitem>

<para>

You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are

packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

</para>

</listitem>

<listitem>

<para>

If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

</para>

</listitem>

</orderedlist>

<para>

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an aggregate if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilations users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

</para>

<bridgehead xml:id="ConveyingNonSource" renderas="sect1">

6. Conveying Non-Source Forms.

</bridgehead>

<para>

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

</para>

<orderedlist numeration="loweralpha" inheritnum="ignore" continuation="restarts">

<listitem>

<para>

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

</para>

</listitem>

<listitem>

<para>

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.

</para>

</listitem>

<listitem>

<para>

Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

</para>

</listitem>

<listitem>

<para>

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

</para>

</listitem>

<listitem>

<para>

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

</para>

</listitem>

</orderedlist>

<para>

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

</para>

<para>

A User Product is either (1) a consumer product, which means any tangible personal property which is normally used for

personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, normally used refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

</para>

<para>

Installation Information for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

</para>

<para>

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

</para>

<para>

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

</para>

<para>

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

</para>

<bridgehead xml:id="AdditionalTerms" renderas="sect1">

7. Additional Terms.

</bridgehead>

<para>

Additional permissions are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

</para>

<para>

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

</para>

<para>

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

</para>

<orderedlist numeration="loweralpha" inheritnum="ignore" continuation="restarts">

<listitem>

<para>

Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

</para>

</listitem>

<listitem>

<para>

Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

</para>

</listitem>

<listitem>

<para>

Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

</para>

</listitem>

<listitem>

<para>

Limiting the use for publicity purposes of names of licensors or authors of the material; or

</para>

</listitem>

<listitem>

<para>

Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

</para>

</listitem>

<listitem>

<para>

Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

</para>

</listitem>

</orderedlist>

<para>

All other non-permissive additional terms are considered further restrictions within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

</para>

<para>

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

</para>

<para>

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

</para>

<bridgehead xml:id="gpl-3-termination" renderas="sect1">

8. Termination.

</bridgehead>

<para>

You may not propagate or modify a covered work except as expressly provided

under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

</para>

<para>

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

</para>

<para>

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

</para>

<para>

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

</para>

<bridgehead xml:id="AcceptanceNotRequired" renderas="sect1">

9. Acceptance Not Required for Having Copies.

</bridgehead>

<para>

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

</para>

<bridgehead xml:id="AutomaticDownstream" renderas="sect1">

10. Automatic Licensing of Downstream Recipients.

</bridgehead>

<para>

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

</para>

<para>

An entity transaction is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

</para>

<para>

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

</para>

<bridgehead xml:id="Patents" renderas="sect1">

11. Patents.

</bridgehead>

<para>

A contributor is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's contributor version.

</para>

<para>

A contributor's essential patent claims are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, control includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

</para>

<para>

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

</para>

<para>

In the following three paragraphs, a patent license is any express agreement or commitment, however denominated, not to enforce a

patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To grant such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

</para>

<para>

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. Knowingly relying means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipients use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

</para>

<para>

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

</para>

<para>

A patent license is discriminatory if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

</para>

<para>

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

</para>

<bridgehead xml:id="NoSurrender" renderas="sect1">

12. No Surrender of Others Freedom.

</bridgehead>

<para>

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

</para>

<bridgehead xml:id="UsedWithAGPL" renderas="sect1">

13. Use with the <acronym>GNU</acronym> Affero General Public License.

</bridgehead>

<para>

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the <acronym>GNU</acronym> Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the <acronym>GNU</acronym> Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

</para>

<bridgehead xml:id="RevisedVersions" renderas="sect1">

14. Revised Versions of this License.

</bridgehead>

<para>

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<bridgehead xml:id="InterpretationSecs1516" renderas="sect1">

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<bridgehead xml:id="HowToApply" renderas="sect1">

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</bridgehead>

<para>

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</para>

<para>

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

</para>

<screen>

<replaceable>one line to give the programs name and a brief idea of what it does.</replaceable>

Copyright (C) <replaceable>year</replaceable> <replaceable>name of author</replaceable>

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</screen>

<para>

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

</para>

<para>

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

</para>

<screen>

<replaceable>program</replaceable> Copyright (C) <replaceable>year</replaceable> <replaceable>name of author</replaceable>

This program comes with ABSOLUTELY NO WARRANTY; for details type <literal>show w</literal>.

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</screen>

<para>

The hypothetical commands `<literal>show w</literal>` and `<literal>show c</literal>` should show the appropriate parts of the General Public License. Of course, your programs commands might be different; for a GUI interface, you would use an about box.

</para>

<para>

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</para>

</appendix>

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@appendixsubsec Preamble

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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Version 2.1, February 1999

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```
/* gnu.classpath.tools.taglets.CopyrightTaglet  
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```

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```
package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

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

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

    public String getName() {
        return NAME;
    }
}
```

```

}

public boolean inField() {
    return true;
}

public boolean inConstructor() {
    return true;
}

public boolean inMethod() {
    return true;
}

public boolean inOverview() {
    return true;
}

public boolean inPackage() {
    return true;
}

public boolean inType() {
    return true;
}

public boolean isInlineTag() {
    return false;
}

public static void register(Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    }
    else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
    }
}

```


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```
package java.security;
```

```
import gnu.java.lang.CPStringBuilder;
```

```
import java.io.Serializable;
```

```
/**
```

```
* This class is the abstract superclass of all classes that implement  
* the concept of a permission. A permission consists of a permission name  
* and optionally a list of actions that relate to the permission. The  
* actual meaning of the name of the permission is defined only in the  
* context of a subclass. It may name a resource to which access permissions  
* are granted (for example, the name of a file) or it might represent  
* something else entirely. Similarly, the action list only has meaning  
* within the context of a subclass. Some permission names may have no  
* actions associated with them. That is, you either have the permission  
* or you don't.
```

```
*
```

```
* <p>The most important method in this class is <code>implies</code>. This  
* checks whether if one has this permission, then the specified  
* permission is also implied. As a conceptual example, consider the  
* permissions "Read All Files" and "Read File foo". The permission  
* "Read All Files" implies that the caller has permission to read the  
* file foo.
```

```
*
```

```
* <p><code>Permission</code>'s must be immutable - do not change their  
* state after creation.
```

```
*
```

```
* @author Aaron M. Renn (arenn@urbanophile.com)
```

```
* @see Permissions
```

```
* @see PermissionCollection
```

```
* @since 1.1
```

```
* @status updated to 1.4
```

```
*/
```

```
public abstract class Permission implements Guard, Serializable
```

```
{
```

```
/**
```

```
* Compatible with JDK 1.1+.
```

```
*/
```

```

private static final long serialVersionUID = -5636570222231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the Guard interface for this class.
 * It calls the checkPermission method in
 * SecurityManager with this Permission as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the Object being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

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

/**

```



```

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

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

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

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

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

```

```

    return null;
}

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

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());

    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
}
} // class Permission
/* Permission.java -- Information about an ACL permission
   Copyright (C) 1998 Free Software Foundation, Inc.

```

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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 Permission  
* (passed as an Object) is the same as this permission.
```

```
*
```

```
* @param perm The permission to check for equality
```

```
*
```

```
* @return true if the specified permission is the same as this one, false otherwise
```

```
*/
```

```
boolean equals (Object perm);
```

```
/**
```

```
* This method returns this Permission as a String.
```

```
*
```

```
* @return A String representing this permission.
```

```
*/
```

```
String toString();
```

}

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```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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```

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

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

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

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

will lead to faster development of free libraries.

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

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

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

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

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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

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Appendix: How to Apply These Terms to Your New Libraries

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

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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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<one line to give the library's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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Version 2, June 1991

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

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

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

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

```
Ty Coon, President of Vice
```

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```
#!/usr/bin/env python
```

```
# Copyright (C) 2011-2013 Free Software Foundation, Inc.
```

```
#
```

```
# This file is part of GDB.
```

```
#
```

```
# This program is free software; you can redistribute it and/or modify
```

```
# it under the terms of the GNU General Public License as published by
```

```
# the Free Software Foundation; either version 3 of the License, or
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# (at your option) any later version.
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```
#
```

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```

```
#
```

```
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```

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

```
"""copyright.py
```

This script updates the list of years in the copyright notices in most files maintained by the GDB project.

Usage: cd src/gdb && python copyright.py

Always review the output of this script before committing it!

A useful command to review the output is:

```
% filterdiff -x \*.c -x \*.cc -x \*.h -x \*.exp updates.diff
```

This removes the bulk of the changes which are most likely to be correct.

```
"""
```

```
import datetime
```

```
import os
```

```
import os.path
```

```

import subprocess

def get_update_list():
    """Return the list of files to update.

    Assumes that the current working directory when called is the root
    of the GDB source tree (NOT the gdb/ subdirectory!). The names of
    the files are relative to that root directory.
    """
    result = []
    for gdb_dir in ('gdb', 'sim', 'include/gdb'):
        for root, dirs, files in os.walk(gdb_dir, topdown=True):
            for dirname in dirs:
                reldirname = "%s/%s" % (root, dirname)
                if (dirname in EXCLUDE_ALL_LIST
                    or reldirname in EXCLUDE_LIST
                    or reldirname in NOT_FSF_LIST
                    or reldirname in BY_HAND):
                    # Prune this directory from our search list.
                    dirs.remove(dirname)
            for filename in files:
                relpath = "%s/%s" % (root, filename)
                if (filename in EXCLUDE_ALL_LIST
                    or relpath in EXCLUDE_LIST
                    or relpath in NOT_FSF_LIST
                    or relpath in BY_HAND):
                    # Ignore this file.
                    pass
                else:
                    result.append(relpath)
    return result

def update_files(update_list):
    """Update the copyright header of the files in the given list.

    We use gnulib's update-copyright script for that.
    """
    # We want to use year intervals in the copyright notices, and
    # all years should be collapsed to one single year interval,
    # even if there are "holes" in the list of years found in the
    # original copyright notice (OK'ed by the FSF, case [gnu.org #719834]).
    os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'

    # Perform the update, and save the output in a string.
    update_cmd = ['bash', 'gdb/gnulib/import/extra/update-copyright']
    update_cmd += update_list

```

```

p = subprocess.Popen(update_cmd, stdout=subprocess.PIPE,
                      stderr=subprocess.STDOUT)
update_out = p.communicate()[0]

# Process the output. Typically, a lot of files do not have
# a copyright notice :-(. The update-copyright script prints
# a well defined warning when it did not find the copyright notice.
# For each of those, do a sanity check and see if they may in fact
# have one. For the files that are found not to have one, we filter
# the line out from the output, since there is nothing more to do,
# short of looking at each file and seeing which notice is appropriate.
# Too much work! (~4,000 files listed as of 2012-01-03).
update_out = update_out.splitlines()
warning_string = ': warning: copyright statement not found'
warning_len = len(warning_string)

for line in update_out:
    if line.endswith('\n'):
        line = line[:-1]
    if line.endswith(warning_string):
        filename = line[:-warning_len]
        if may_have_copyright_notice(filename):
            print line
    else:
        # Unrecognized file format. !?!
        print "*** " + line

def may_have_copyright_notice(filename):
    """Check that the given file does not seem to have a copyright notice.

    The filename is relative to the root directory.
    This function assumes that the current working directory is that root
    directory.

    The algorithm is fairly crude, meaning that it might return
    some false positives. I do not think it will return any false
    negatives... We might improve this function to handle more
    complex cases later...
    """
    # For now, it may have a copyright notice if we find the word
    # "Copyright" at the (reasonable) start of the given file, say
    # 50 lines...
    MAX_LINES = 50

    fd = open(filename)

```

```

lineno = 1
for line in fd:
    if 'Copyright' in line:
        return True
    lineno += 1
    if lineno > 50:
        return False
return False

def main ():
    """The main subprogram."""
    if not os.path.isfile("gnulib/import/extra/update-copyright"):
        print "Error: This script must be called from the gdb directory."
    root_dir = os.path.dirname(os.getcwd())
    os.chdir(root_dir)

    update_list = get_update_list()
    update_files (update_list)

    # Remind the user that some files need to be updated by HAND...
    if BY_HAND:
        print
        print "\033[31mREMINDER: The following files must be updated by hand." \
            "\033[0m"
        for filename in BY_HAND + MULTIPLE_COPYRIGHT_HEADERS:
            print " ", filename

#####
#
# Some constants, placed at the end because they take up a lot of room.
# The actual value of these constants is not significant to the understanding
# of the script.
#
#####

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Filenames are relative to the root directory.
EXCLUDE_LIST = (
    'gdb/CONTRIBUTE',
    'gdb/gnulib'
)

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,

```

```

# or test cases which must be sensitive to line numbering).
#
# Matches any file or directory name anywhere. Use with caution.
# This is mostly for files that can be found in multiple directories.
# Eg: We want all files named COPYING to be left untouched.

EXCLUDE_ALL_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c",
    "fdl.texi", "gpl.texi", "aclocal.m4",
)

# The list of files to update by hand.
BY_HAND = (
    # These files are sensitive to line numbering.
    "gdb/testsuite/gdb.base/step-line.inp",
    "gdb/testsuite/gdb.base/step-line.c",
)

# Files containing multiple copyright headers. This script is only
# fixing the first one it finds, so we need to finish the update
# by hand.
MULTIPLE_COPYRIGHT_HEADERS = (
    "gdb/doc/gdb.texinfo",
    "gdb/doc/refcard.tex",
    "gdb/gdbarch.sh",
)

# The list of file which have a copyright, but not head by the FSF.
# Filenames are relative to the root directory.
NOT_FSF_LIST = (
    "gdb/exc_request.defs",
    "gdb/gdbtk",
    "gdb/testsuite/gdb.gdbtk/",
    "sim/arm/armemu.h", "sim/arm/armos.c", "sim/arm/gdbhost.c",
    "sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",
    "sim/arm/armos.h", "sim/arm/armcopro.c", "sim/arm/armemu.c",
    "sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armdefs.h",
    "sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",
    "sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",
    "sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
    "sim/arm/communicate.c", "sim/arm/gdbhost.h", "sim/arm/armfpe.h",
    "sim/arm/arminit.c",
    "sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h",
    "sim/common/cgen-accftp.c",
    "sim/erc32/sis.h", "sim/erc32/erc32.c", "sim/erc32/func.c",
    "sim/erc32/float.c", "sim/erc32/interf.c", "sim/erc32/sis.c",
    "sim/erc32/exec.c",
    "sim/mips/m16run.c", "sim/mips/sim-main.c",

```

```

"sim/moxie/moxie-gdb.dts",
# Not a single file in sim/ppc/ appears to be copyright FSF :-(-
"sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/ld-insn.h",
"sim/ppc/hw_sem.c", "sim/ppc/hw_disk.c", "sim/ppc/idecode_branch.h",
"sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw_core.c",
"sim/ppc/gen-support.c", "sim/ppc/gen-semantics.h", "sim/ppc/cpu.h",
"sim/ppc/sim_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in",
"sim/ppc/emul_chirp.c", "sim/ppc/hw_nvram.c", "sim/ppc/dc-test.01",
"sim/ppc/hw_phb.c", "sim/ppc/hw_eeeprom.c", "sim/ppc/bits.h",
"sim/ppc/hw_vm.c", "sim/ppc/cap.h", "sim/ppc/os_emul.h",
"sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c",
"sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/ld-decode.h",
"sim/ppc/filter_filename.h", "sim/ppc/hw_shm.c",
"sim/ppc/pk_disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h",
"sim/ppc/device_table.h", "sim/ppc/ld-insn.c", "sim/ppc/inline.c",
"sim/ppc/emul_bugapi.h", "sim/ppc/hw_cpu.h", "sim/ppc/debug.h",
"sim/ppc/hw_ide.c", "sim/ppc/debug.c", "sim/ppc/gen-itable.h",
"sim/ppc/interrupts.c", "sim/ppc/hw_glue.c", "sim/ppc/emul_unix.c",
"sim/ppc/sim_calls.c", "sim/ppc/dc-complex", "sim/ppc/ld-cache.c",
"sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c",
"sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h",
"sim/ppc/emul_chirp.h", "sim/ppc/hw_register.c", "sim/ppc/hw_init.c",
"sim/ppc/sim-endian-n.h", "sim/ppc/filter_filename.c",
"sim/ppc/bits.c", "sim/ppc/idecode_fields.h", "sim/ppc/hw_memory.c",
"sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h",
"sim/ppc/hw_trace.c", "sim/ppc/emul_netbsd.h", "sim/ppc/psim.c",
"sim/ppc/ppc-instructions", "sim/ppc/tree.h", "sim/ppc/README",
"sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/ld-cache.h",
"sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c",
"sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw_cpu.c",
"sim/ppc/corefile.c", "sim/ppc/hw_opic.c", "sim/ppc/gen-icache.c",
"sim/ppc/events.h", "sim/ppc/os_emul.c", "sim/ppc/emul_generic.c",
"sim/ppc/main.c", "sim/ppc/hw_com.c", "sim/ppc/gen-semantics.c",
"sim/ppc/emul_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul_generic.h",
"sim/ppc/tree.c", "sim/ppc/mon.h", "sim/ppc/interrupts.h",
"sim/ppc/cap.c", "sim/ppc/cpu.c", "sim/ppc/hw_phb.h",
"sim/ppc/device_table.c", "sim/ppc/lf.c", "sim/ppc/lf.c",
"sim/ppc/dc-stupid", "sim/ppc/hw_pal.c", "sim/ppc/ppc-spr-table",
"sim/ppc/emul_unix.h", "sim/ppc/words.h", "sim/ppc/basics.h",
"sim/ppc/hw_htab.c", "sim/ppc/lf.h", "sim/ppc/ld-decode.c",
"sim/ppc/sim-endian.c", "sim/ppc/gen-itable.c",
"sim/ppc/idecode_expression.h", "sim/ppc/table.h", "sim/ppc/dgen.c",
"sim/ppc/events.c", "sim/ppc/gen-idecode.h", "sim/ppc/emul_netbsd.c",
"sim/ppc/igen.c", "sim/ppc/vm_n.h", "sim/ppc/vm.h",
"sim/ppc/hw_iobus.c", "sim/ppc/inline.h",
"sim/testsuite/sim/bfin/s21.s", "sim/testsuite/sim/mips/mips32-dsp2.s",
)

```

```

if __name__ == "__main__":
    main()
BEGIN {
    FS="\"";
    print "/* ==> Do not modify this file!! " \
    "-*- buffer-read-only: t-*- vi" \
    ":set ro:";
    print " It is created automatically by copying.awk.";
    print " Modify copying.awk instead. <== */";
    print ""
    print "#include \"defs.h\""
    print "#include \"command.h\""
    print "#include \"gdbcmd.h\""
    print ""
    print "static void show_copying_command (char *, int);"
    print ""
    print "static void show_warranty_command (char *, int);"
    print ""
    print "void _initialize_copying (void);"
    print ""
    print "static void";
    print "show_copying_command (char *ignore, int from_tty)";
    print "{";
}
NR == 1,/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/ {
    if ($0 ~ //)
    {
        printf " printf_filtered (\"\\n\");\n";
    }
    else if ($0 !~ /^[ ]*15\. Disclaimer of Warranty\.[ ]*$/ )
    {
        printf " printf_filtered (\"";
        for (i = 1; i < NF; i++)
        printf "%s\\\"\", $i;
        printf "%s\\n\");\n", $NF;
    }
}
/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/ {
    print "}";
    print "";
    print "static void";
    print "show_warranty_command (char *ignore, int from_tty)";
    print "{";
}
/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/,/^[ ]*END OF TERMS AND CONDITIONS[ ]*$/ {
    if (! ($0 ~ /^[ ]*END OF TERMS AND CONDITIONS[ ]*$/))
    {
        printf " printf_filtered (\"";

```

```

    for (i = 1; i < NF; i++)
    printf "%s\\", $i;
    printf "%s\\n\\");\\n", $NF;
    }
}
END {
    print "}";
    print "";
    print "void"
    print "_initialize_copying (void)";
    print "{";
    print " add_cmd (\"copying\", no_set_class, show_copying_command,\";
    print " _(\"Conditions for redistributing copies of GDB.\");";
    print " &showlist);";
    print " add_cmd (\"warranty\", no_set_class, show_warranty_command,\";
    print " _(\"Various kinds of warranty you do not have.\");";
    print " &showlist);";
    print "";
    print " /* For old-timers, allow \"info copying\", etc. */";
    print " add_info (\"copying\", show_copying_command,\";
    print " _(\"Conditions for redistributing copies of GDB.\");";
    print " add_info (\"warranty\", show_warranty_command,\";
    print " _(\"Various kinds of warranty you do not have.\");";
    print "}";
}
@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
Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}

```

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```

@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@appendix GNU GENERAL PUBLIC LICENSE
@c The GNU General Public License.
@center Version 3, 29 June 2007

```

```

@c This file is intended to be included within another document,
@c hence no sectioning command or @node.

```


@display

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@item

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

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Version 3, 29 June 2007

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@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end iftex

@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

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@heading END OF TERMS AND CONDITIONS

@end iftex

@ifinfo

@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

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```
@end smallexample
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```

```
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Ty Coon, President of Vice
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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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```
<program> Copyright (C) <year> <name of author>
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This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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1.119 gdk-pixbuf2 2.36.5 :1.e17

1.119.1 Available under license :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>AppendixA.License: GDK-PixBuf Reference Manual</title>
<meta name="generator" content="DocBook XSL Stylesheets V1.79.1">
<link rel="home" href="index.html" title="GDK-PixBuf Reference Manual">
<link rel="up" href="index.html" title="GDK-PixBuf Reference Manual">
<link rel="prev" href="api-index-2-36.html" title="Index of new symbols in 2.36">
<link rel="next" href="annotation-glossary.html" title="Annotation Glossary">
<meta name="generator" content="GTK-Doc V1.25.1 (XML mode)">
```

```

<link rel="stylesheet" href="style.css" type="text/css">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<table class="navigation" id="top" width="100%" summary="Navigation header" cellpadding="2"
cellspacing="5"><tr valign="middle">
<td width="100%" align="left" class="shortcuts"></td>
<td><a accesskey="h" href="index.html"></a></td>
<td></td>
<td><a accesskey="p" href="api-index-2-36.html"></a></td>
<td><a accesskey="n" href="annotation-glossary.html"></a></td>
</tr></table>
<div class="appendix">
<div class="titlepage"><div><div><h1 class="title">
<a name="license"></a>Appendix A. License</h1></div></div></div>
<p>
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modify it under the terms of the <em class="citetitle">GNU Library General
Public License</em> as published by the Free Software
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any later version.
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<p>
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</p>
<p>
You may obtain a copy of the <em class="citetitle">GNU Library General
Public License</em> from the Free Software Foundation by
visiting <a class="ulink" href="http://www.fsf.org" target="_top">their Web
site</a> or by writing to:

</p>
<div class="address"><p><br>
FreeSoftwareFoundation,Inc.<br>
<span class="street">59TemplePlace</span>-Suite330<br>
<span class="city">Boston</span>,<span class="state">MA</span><span class="postcode">02111-
1307</span><br>
<span class="country">USA</span><br>
</p></div>
<p>
</p>
</div>

```

```
<div class="footer">
<hr>Generated by GTK-Doc V1.25.1</div>
</body>
</html>
```

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Version 2, June 1991

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<signature of Ty Coon>, 1 April 1990
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1.120 GeoIP 1.5.0 :11.e17

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Version 2.1, February 1999

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For example, on rare occasions, there may be a special need to

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

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

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

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any

application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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

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

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

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of

software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

TERMS AND CONDITIONS

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

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1.122 giflib 4.1.6 :9.el7

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1.123 glib-networking 2.50.0 :1.el7

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1.124 glib2 2.50.3 :3.el7

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

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

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

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

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

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

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

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

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

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

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

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

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

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software

sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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

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

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

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

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

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

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

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

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

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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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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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1.126 glibc 2.17 :222.e17

1.126.1 Available under license :

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is

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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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Version 3, 29 June 2007

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Constant-time SSSE3 AES core implementation.

version 0.1

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By Mike Hamburg (Stanford University), 2009

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For details see http://shiftleft.org/papers/vector_aes/ and

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

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

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

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1.130 gobject-introspection 1.50.0 :1.e17

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

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```
@iftex
@section TERMS AND CONDITIONS
@end iftex
@ifinfo
@center TERMS AND CONDITIONS
@end ifinfo
```

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@enumerate 0
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```

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@smallexample

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```
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```

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@end enumerate
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1.135 graphite2 1.3.6 :1.e17_2

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1.136 grep 2.20 :3.e17

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```
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Source Files

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

Please look into snprintf.c for the copyright message.

The complete snprintf package together with documentation is available from

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

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

The original package can be found at <http://ftp.cs.wisc.edu/pub/misc/grn.tar.Z> .

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

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

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

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

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

Macro Packages

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

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

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

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

Hyphenation Patterns

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

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

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

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

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

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

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

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

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

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

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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

```

1.139 grubby 8.28 :23.el7

1.139.1 Available under license :

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1.141 gsm 1.0.13 :11.e17

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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.

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b) Use a suitable shared library mechanism for linking with the

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

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

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

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the

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

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

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

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If 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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1.147 harfbuzz 1.3.2 :1.e17

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1.148 hdparm 9.43 :5.el7

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1.154 icu 50.1.2 :15.e17

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```
## *-makefile*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

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

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

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

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

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

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
```

```
%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<
```

Dependency rules

```
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*/1.o $@ : /g\'" > $@; \
[ -s $@ ] || rm -f $@'
```

```
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*/1.o $@ : /g\'" > $@; \
[ -s $@ ] || rm -f $@'
```

Versioned libraries rules

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

End FreeBSD-specific setup

1.155 initscripts 9.49.39 :1.e17

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1.156 iotop 0.6 :2.e17

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1.159 iptables 1.4.21 :18.0.1.el7.centos

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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1.163 jakarta-log4j 1.2.8

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1.164 jakarta-taglibs-standard 1.0.1

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1.165 jansson 2.10 :1.e17

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1.166 jasper 1.900.1 :31.el7

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```

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```

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
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<head>
  <meta http-equiv="Content-Type" content="text/html; charset=us-ascii" />
  <title>W3C IPR SOFTWARE NOTICE</title>
<style type="text/css">
<!--
html, body { background: #fff; color: #000; } /* body for Windows IE3 */
-->
</style>
</head>
<body>
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  <h3>
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#
#
# Makefile to specify compiler flags for programs and libraries
# targeted to BSD. Should not contain any rules.
#
#
# Warning: the following variables are overridden by Defs.gmk. Set
# values will be silently ignored:
# CFLAGS      (set $(OTHER_CFLAGS) instead)
# CPPFLAGS    (set $(OTHER_CPPFLAGS) instead)
# CXXFLAGS    (set $(OTHER_CXXFLAGS) instead)
# LDFLAGS     (set $(OTHER_LDFLAGS) instead)
# LDLIBS      (set $(EXTRA_LIBS) instead)
# LDLIBS_COMMON (set $(EXTRA_LIBS) instead)
#
# Get shared JDK settings
include $(BUILDDIR)/common/shared/Defs.gmk
#
ifndef PLATFORM_SRC
PLATFORM_SRC = $(TOPDIR)/src/solaris
endif # PLATFORM_SRC
#
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#

#
# Definitions for Bsd.
#

# Default for COMPILER_WARNINGS_FATAL on Bsd (C & C++ compiler warnings)
ifndef COMPILER_WARNINGS_FATAL
COMPILER_WARNINGS_FATAL=false
endif

# Bsd should use parallel compilation for best build times
ifndef COMPILE_APPROACH
COMPILE_APPROACH = parallel
endif

# Indication that we are doing an incremental build.
# This may trigger the creation of make depend files.
ifndef INCREMENTAL_BUILD
INCREMENTAL_BUILD = false
endif

# FullPath just makes sure it never ends with a / and no duplicates
define FullPath
$(shell cd $1 2> $(DEV_NULL) && pwd)
endif

# OptFullPath: Absolute path name of a dir that might not initially exist.
define OptFullPath
$(shell if [ "$1" != "" -a -d "$1" ]; then (cd $1 && pwd); else echo "$1"; fi)
endif

# Location on system where jdk installs might be
USRJDKINSTANCES_PATH=$(PACKAGE_PATH)

```

```

# UNIXCOMMAND_PATH: path to where the most common Unix commands are.
# NOTE: Must end with / so that it could be empty, allowing PATH usage.
ifneq "$(origin ALT_UNIXCOMMAND_PATH)" "undefined"
  UNIXCOMMAND_PATH :=$(call PrefixPath,$(ALT_UNIXCOMMAND_PATH))
else
  UNIXCOMMAND_PATH = /bin/
endif

# USRBIN_PATH: path to where the most common Unix commands are.
# NOTE: Must end with / so that it could be empty, allowing PATH usage.
ifneq "$(origin ALT_USRBIN_PATH)" "undefined"
  USRBIN_PATH :=$(call PrefixPath,$(ALT_USRBIN_PATH))
else
  USRBIN_PATH = /usr/bin/
endif

# UNIXCCS_PATH: path to where the Solaris ported UNIX commands can be found
# NOTE: Must end with / so that it could be empty, allowing PATH usage.
ifneq "$(origin ALT_UNIXCCS_PATH)" "undefined"
  UNIXCCS_PATH :=$(call PrefixPath,$(ALT_UNIXCCS_PATH))
else
  UNIXCCS_PATH = /usr/ccs/bin/
endif

# SLASH_JAVA: location of all network accessible files
ifdef ALT_SLASH_JAVA
  SLASH_JAVA :=$(ALT_SLASH_JAVA)
else
  SLASH_JAVA := $(call DirExists,/java,/java,/NOT-SET)
endif

# JDK_DEVTOOLS_DIR: common path for all the java devtools
ifdef ALT_JDK_DEVTOOLS_DIR
  JDK_DEVTOOLS_DIR =$(ALT_JDK_DEVTOOLS_DIR)
else
  JDK_DEVTOOLS_DIR =$(SLASH_JAVA)/devtools
endif

# DEVTOOLS_PATH: for other tools required for building (such as zip, etc.)
# NOTE: Must end with / so that it could be empty, allowing PATH usage.
ifneq "$(origin ALT_DEVTOOLS_PATH)" "undefined"
  DEVTOOLS_PATH :=$(call PrefixPath,$(ALT_DEVTOOLS_PATH))
else
  DEVTOOLS_PATH =$(PACKAGE_PATH)/bin/
endif

# _BOOTDIR1: First choice for a Bootstrap JDK, previous released JDK.

```

```

# _BOOTDIR2: Second choice
ifndef ALT_BOOTDIR
  _BOOTDIR1 =$(SLASH_JAVA)/re/jdk/$(PREVIOUS_JDK_VERSION)/archive/fcs/binaries/$(PLATFORM)-
$(ARCH)
  _BOOTDIR2 =$(USRJDKINSTANCES_PATH)/jdk$(PREVIOUS_JDK_VERSION)
endif

# Import JDK images allow for partial builds, components not built are
# imported (or copied from) these import areas when needed.

# BUILD_JDK_IMPORT_PATH: location of JDK install trees to import for
# multiple platforms, e.g. windows-i586, solaris-sparc, bsd-586, etc.
ifdef ALT_BUILD_JDK_IMPORT_PATH
  BUILD_JDK_IMPORT_PATH :=$(call FullPath,$(ALT_BUILD_JDK_IMPORT_PATH))
else
  BUILD_JDK_IMPORT_PATH = $(PROMOTED_BUILD_BINARIES)
endif
BUILD_JDK_IMPORT_PATH:=$(call AltCheckValue,BUILD_JDK_IMPORT_PATH)

# JDK_IMPORT_PATH: location of JDK install tree (this version) to import
ifdef ALT_JDK_IMPORT_PATH
  JDK_IMPORT_PATH :=$(call FullPath,$(ALT_JDK_IMPORT_PATH))
else
  JDK_IMPORT_PATH = $(BUILD_JDK_IMPORT_PATH)/$(PLATFORM)-
$(ARCH)$(JDK_IMPORT_VARIANT)
endif
JDK_IMPORT_PATH:=$(call AltCheckValue,JDK_IMPORT_PATH)
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```

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import org.somewhere.ws.EchoResponse;

public class CopyingResponse extends EchoResponse {

    public CopyingResponse() {}

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

/**
 *
 */
import java.rmi.Remote;
public interface Legal extends Remote {};
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# Define public interface.

SUNWprivate_1.1 {
global:
    Java_sun_tools_attach_BsdVirtualMachine_checkPermissions;
    Java_sun_tools_attach_BsdVirtualMachine_close;
    Java_sun_tools_attach_BsdVirtualMachine_connect;
    Java_sun_tools_attach_BsdVirtualMachine_open;
    Java_sun_tools_attach_BsdVirtualMachine_sendQuitTo;
    Java_sun_tools_attach_BsdVirtualMachine_socket;
    Java_sun_tools_attach_BsdVirtualMachine_read;
    Java_sun_tools_attach_BsdVirtualMachine_write;
    Java_sun_tools_attach_BsdVirtualMachine_createAttachFile;
local:
    *;
};
#
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#
```

```
platform=bsd
```

```
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# questions.
#
```

```
# Define public interface for libawt.so on Bsd.
# Bsd port does not use mawt, all public symbols are in libawt.so
```

```
SUNWprivate_1.1 {
global:
JNI_OnLoad;
```

```

Java_java_awt_CheckboxMenuItem_initIDs;
Java_java_awt_Color_initIDs;
Java_java_awt_FontMetrics_initIDs;
Java_java_awt_image_BufferedImage_initIDs;
Java_sun_awt_image_DataBufferNative_getElem;
Java_sun_awt_image_DataBufferNative_setElem;
Java_java_awt_image_ColorModel_initIDs;
Java_java_awt_image_ComponentSampleModel_initIDs;
Java_java_awt_image_IndexColorModel_initIDs;
Java_java_awt_image_Kernel_initIDs;
Java_java_awt_image_Raster_initIDs;
Java_java_awt_image_SampleModel_initIDs;
Java_java_awt_Label_initIDs;
Java_java_awt_MenuBar_initIDs;
Java_java_awt_ScrollPaneAdjustable_initIDs;
Java_java_awt_Toolkit_initIDs;
Java_java_awt_TrayIcon_initIDs;
    Java_sun_awt_DebugSettings_setCTracingOn__Z;
    Java_sun_awt_DebugSettings_setCTracingOn__ZLjava_lang_String_2;
    Java_sun_awt_DebugSettings_setCTracingOn__ZLjava_lang_String_2I;
Java_sun_awt_image_ByteComponentRaster_initIDs;
Java_sun_awt_image_GifImageDecoder_initIDs;
Java_sun_awt_image_GifImageDecoder_parseImage;
Java_sun_awt_image_Image_initIDs;
Java_sun_awt_image_ImageRepresentation_initIDs;
Java_sun_awt_image_ImageRepresentation_setDiffICM;
Java_sun_awt_image_ImageRepresentation_setICMpixels;
Java_sun_awt_image_ImagingLib_convolveBI;
Java_sun_awt_image_ImagingLib_convolveRaster;
Java_sun_awt_image_ImagingLib_init;
Java_sun_awt_image_ImagingLib_transformBI;
Java_sun_awt_image_ImagingLib_transformRaster;
Java_sun_awt_image_IntegerComponentRaster_initIDs;
Java_sun_awt_image_ShortComponentRaster_initIDs;
Java_sun_java2d_pipe_SpanClipRenderer_eraseTile;
Java_sun_java2d_pipe_SpanClipRenderer_fillTile;
    Java_sun_java2d_pipe_ShapeSpanIterator_addSegment;
    Java_sun_java2d_pipe_ShapeSpanIterator_moveTo;
    Java_sun_java2d_pipe_ShapeSpanIterator_lineTo;
    Java_sun_java2d_pipe_ShapeSpanIterator_quadTo;
    Java_sun_java2d_pipe_ShapeSpanIterator_curveTo;
    Java_sun_java2d_pipe_ShapeSpanIterator_closePath;
    Java_sun_java2d_pipe_ShapeSpanIterator_pathDone;
    Java_sun_java2d_pipe_ShapeSpanIterator_getNativeConsumer;
    Java_sun_java2d_pipe_ShapeSpanIterator_appendPoly;
    Java_sun_java2d_pipe_ShapeSpanIterator_dispose;
    Java_sun_java2d_pipe_ShapeSpanIterator_getNativeIterator;

```

```

Java_sun_java2d_pipe_ShapeSpanIterator_getPathBox;
Java_sun_java2d_pipe_ShapeSpanIterator_initIDs;
Java_sun_java2d_pipe_ShapeSpanIterator_intersectClipBox;
Java_sun_java2d_pipe_ShapeSpanIterator_nextSpan;
Java_sun_java2d_pipe_ShapeSpanIterator_setNormalize;
Java_sun_java2d_pipe_ShapeSpanIterator_setOutputAreaXYXY;
Java_sun_java2d_pipe_ShapeSpanIterator_setRule;
Java_sun_java2d_pipe_ShapeSpanIterator_skipDownTo;

Java_java_awt_Dimension_initIDs;
Java_java_awt_event_MouseEvent_initIDs;
Java_java_awt_image_DataBufferInt_initIDs;
Java_java_awt_image_SinglePixelPackedSampleModel_initIDs;
Java_java_awt_Rectangle_initIDs;
Java_sun_awt_image_BufImgSurfaceData_getSurfaceData;
Java_sun_awt_image_BufImgSurfaceData_initIDs;
Java_sun_awt_image_BufImgSurfaceData_initRaster;
Java_sun_awt_image_BufImgSurfaceData_setSurfaceData;
    Java_sun_awt_image_BufImgSurfaceData_freeNativeICMData;
Java_sun_awt_image_BytePackedRaster_initIDs;
Java_sun_awt_image_ImagingLib_lookupByteBI;
Java_sun_awt_image_ImagingLib_lookupByteRaster;
Java_sun_java2d_SurfaceData_initIDs;
Java_sun_java2d_SurfaceData_isOpaqueGray;
Java_sun_java2d_Disposer_initIDs;
Java_sun_java2d_DefaultDisposerRecord_invokeNativeDispose;
Java_sun_java2d_loops_BlitBg_BlitBg;
Java_sun_java2d_loops_Blit_Blit;
Java_sun_java2d_loops_ScaledBlit_Scale;
Java_sun_java2d_loops_DrawLine_DrawLine;
Java_sun_java2d_loops_DrawPolygons_DrawPolygons;
Java_sun_java2d_loops_DrawRect_DrawRect;
Java_sun_java2d_loops_FillRect_FillRect;
Java_sun_java2d_loops_FillSpans_FillSpans;
Java_sun_java2d_loops_GraphicsPrimitiveMgr_initIDs;
Java_sun_java2d_loops_GraphicsPrimitiveMgr_registerNativeLoops;
Java_sun_java2d_loops_MaskBlit_MaskBlit;
Java_sun_java2d_loops_MaskFill_MaskFill;
Java_sun_java2d_loops_MaskFill_FillAAPgram;
Java_sun_java2d_loops_MaskFill_DrawAAPgram;
    Java_sun_java2d_pipe_BufferedRenderPipe_fillSpans;
Java_sun_java2d_pipe_SpanClipRenderer_initIDs;
sun_awt_image_GifImageDecoder_initIDs;

# libmawt entry points
SurfaceData_InitOps;
SurfaceData_ThrowInvalidPipeException;
    Region_GetBounds;

```

```

    Region_GetInfo;
    Region_StartIteration;
    Region_CountIterationRects;
    Region_NextIteration;
    Region_EndIteration;
    GrPrim_CompGetXorInfo;
    GrPrim_CompGetAlphaInfo;
img_makePalette;
initInverseGrayLut;
make_dither_arrays;
make_uns_ordered_dither_array;

# variables exported to libmawt
std_img_oda_red;
std_img_oda_blue;
std_img_oda_green;
std_odas_computed;
g_CMpDataID;
colorValueID;
    jvm;

# CDE private entry point
    # This is in awt_LoadLibrary.c and falls through to libmawt.
    # Evidently CDE needs this for backward compatability.
Java_sun_awt_motif_XsessionWMcommand;

# Java Plugin
    # This is in awt_LoadLibrary.c and falls through to libmawt.
    # Evidently plugin needs this for backward compatability.
getAwtLockFunctions;
getAwtData;
getAwtDisplay;

# libfontmanager entry points
AWTIsHeadless;
GrPrim_Sg2dGetCompInfo;
GrPrim_Sg2dGetClip;
GetNativePrim;
SurfaceData_IntersectBounds;
SurfaceData_GetOps;
Disposer_AddRecord;
GrPrim_Sg2dGetEaRGB;
GrPrim_Sg2dGetPixel;
GrPrim_Sg2dGetLCDTextContrast;

#Java_sun_awt_motif_MComponentPeer_restoreFocus;
Java_sun_awt_DefaultMouseInfoPeer_fillPointWithCoords;
Java_sun_awt_DefaultMouseInfoPeer_isWindowUnderMouse;

```



```

Java_java_awt_AWTEvent_nativeSetSource;
Java_java_awt_Checkbox_initIDs;
Java_java_awt_Component_initIDs;
Java_java_awt_Dialog_initIDs;
Java_java_awt_Font_initIDs;
Java_sun_awt_KeyboardFocusManagerPeerImpl_clearNativeGlobalFocusOwner;
    Java_sun_awt_KeyboardFocusManagerPeerImpl_getNativeFocusOwner;
    Java_sun_awt_KeyboardFocusManagerPeerImpl_getNativeFocusedWindow;
    Java_java_awt_KeyboardFocusManager_initIDs;
Java_java_awt_Menu_initIDs;
Java_java_awt_MenuComponent_initIDs;
Java_java_awt_MenuItem_initIDs;
Java_java_awt_Scrollbar_initIDs;
Java_java_awt_ScrollPane_initIDs;
Java_java_awt_TextArea_initIDs;
Java_sun_awt_FontDescriptor_initIDs;
#Java_sun_awt_motif_MButtonPeer_create;
#Java_sun_awt_motif_MButtonPeer_setLabel;
#Java_sun_awt_motif_MCanvasPeer_create;
#Java_sun_awt_motif_MCanvasPeer_initIDs;
#Java_sun_awt_motif_MCanvasPeer_resetTargetGC;
#Java_sun_awt_motif_MCheckboxMenuItemPeer_pSetState;
#Java_sun_awt_motif_MCheckboxPeer_create;
#Java_sun_awt_motif_MCheckboxPeer_setCheckboxGroup;
#Java_sun_awt_motif_MCheckboxPeer_setLabel;
#Java_sun_awt_motif_MCheckboxPeer_pSetState;
#Java_sun_awt_motif_MCheckboxPeer_pGetState;
#Java_sun_awt_motif_MChoicePeer_addItem;
#Java_sun_awt_motif_MChoicePeer_appendItems;
#Java_sun_awt_motif_MChoicePeer_create;
#Java_sun_awt_motif_MChoicePeer_pReshape;
#Java_sun_awt_motif_MChoicePeer_remove;
#Java_sun_awt_motif_MChoicePeer_removeAll;
#Java_sun_awt_motif_MChoicePeer_setBackground;
#Java_sun_awt_motif_MChoicePeer_pSelect;
#Java_sun_awt_motif_MChoicePeer_setFont;
#Java_sun_awt_motif_MChoicePeer_setForeground;
#Java_sun_awt_motif_MComponentPeer_addNativeDropTarget;
#Java_sun_awt_motif_MComponentPeer_createBackBuffer;
#Java_sun_awt_motif_MComponentPeer_destroyBackBuffer;
#Java_sun_awt_motif_MComponentPeer_getNativeColor;
#Java_sun_awt_motif_MComponentPeer_getWindow;
#Java_sun_awt_motif_MComponentPeer_pDisable;
#Java_sun_awt_motif_MComponentPeer_pDispose;
#Java_sun_awt_motif_MComponentPeer_pEnable;
#Java_sun_awt_motif_MComponentPeer_pGetLocationOnScreen;
#Java_sun_awt_motif_MComponentPeer_pGetLocationOnScreen2;
#Java_sun_awt_motif_MComponentPeer_pHide;

```

```

#Java_sun_awt_motif_MComponentPeer_pInitialize;
#Java_sun_awt_motif_MComponentPeer_pMakeCursorVisible;
#Java_sun_awt_motif_MComponentPeer_pReshape;
#Java_sun_awt_motif_MComponentPeer_pShow;
#Java_sun_awt_motif_MComponentPeer_removeNativeDropTarget;
#Java_sun_awt_motif_MComponentPeer_swapBuffers;
#Java_sun_awt_motif_MComponentPeer_pSetBackground;
#Java_sun_awt_motif_MComponentPeer_pSetFont;
    #Java_sun_awt_motif_MComponentPeer_processSynchronousLightweightTransfer;
    #Java_sun_awt_motif_MComponentPeer__lrequestFocus;
#Java_sun_awt_motif_MCheckboxMenuItemPeer_getState;
#Java_sun_awt_motif_MComponentPeer_pSetForeground;
#Java_sun_awt_motif_MDragSourceContextPeer_startDrag;
#Java_sun_awt_motif_MDragSourceContextPeer_setNativeCursor;
#Java_sun_awt_motif_MDropTargetContextPeer_addTransfer;
#Java_sun_awt_motif_MDropTargetContextPeer_dropDone;
#Java_sun_awt_motif_MDropTargetContextPeer_startTransfer;
#Java_sun_awt_motif_X11DragSourceContextPeer_startDrag;
#Java_sun_awt_motif_X11DragSourceContextPeer_setNativeCursor;
#Java_sun_awt_motif_X11DropTargetContextPeer_sendResponse;
#Java_sun_awt_motif_X11DropTargetContextPeer_dropDone;
#Java_sun_awt_motif_X11DropTargetContextPeer_getData;
#Java_sun_awt_motif_MEmbeddedFramePeer_NEFcreate;
#Java_sun_awt_motif_MEmbeddedFramePeer_pShowImpl;
#Java_sun_awt_motif_MEmbeddedFramePeer_pReshapePrivate;
#Java_sun_awt_motif_MEmbeddedFramePeer_getBoundsPrivate;
#Java_sun_awt_motif_MFramePeer_pSetIconImage___3B_3I_3SII;
#Java_sun_awt_motif_MEmbeddedFramePeer_requestXEmbedFocus;
#Java_sun_awt_motif_MEmbeddedFramePeer_isXEmbedApplicationActive;
#Java_sun_awt_motif_MEmbeddedFramePeer_isXEmbedActive;
#Java_sun_awt_motif_MEmbeddedFrame_getWidget;
#Java_sun_awt_motif_MEmbeddedFrame_mapWidget;
#Java_sun_awt_motif_MFileDialogPeer_create;
#Java_sun_awt_motif_MFileDialogPeer_pDispose;
#Java_sun_awt_motif_MFileDialogPeer_pHide;
#Java_sun_awt_motif_MFileDialogPeer_pReshape;
#Java_sun_awt_motif_MFileDialogPeer_pShow;
#Java_sun_awt_motif_MFileDialogPeer_setFileEntry;
#Java_sun_awt_motif_MFileDialogPeer_setFont;
#Java_sun_awt_motif_MFramePeer_pGetIconSize;
#Java_sun_awt_motif_MGlobalCursorManager_cacheInit;
#Java_sun_awt_motif_MGlobalCursorManager_findComponentAt;
#Java_sun_awt_motif_MGlobalCursorManager_findHeavyweightUnderCursor;
#Java_sun_awt_motif_MGlobalCursorManager_getCursorPos;
#Java_sun_awt_motif_MGlobalCursorManager_getLocationOnScreen;
#Java_sun_awt_motif_MLabelPeer_create;
#Java_sun_awt_motif_MLabelPeer_setAlignment;
#Java_sun_awt_motif_MLabelPeer_setText;

```

```
#Java_sun_awt_motif_MListPeer_addItem;
#Java_sun_awt_motif_MListPeer_create;
#Java_sun_awt_motif_MListPeer_delItems;
#Java_sun_awt_motif_MListPeer_deselect;
#Java_sun_awt_motif_MListPeer_isSelected;
#Java_sun_awt_motif_MListPeer_makeVisible;
#Java_sun_awt_motif_MListPeer_select;
#Java_sun_awt_motif_MListPeer_setMultipleSelections;
#Java_sun_awt_motif_MMenuBarPeer_create;
#Java_sun_awt_motif_MMenuItemPeer_createMenuItem;
#Java_sun_awt_motif_MMenuItemPeer_pDisable;
#Java_sun_awt_motif_MMenuItemPeer_pDispose;
#Java_sun_awt_motif_MMenuItemPeer_pEnable;
#Java_sun_awt_motif_MMenuItemPeer_pSetLabel;
#Java_sun_awt_motif_MMenuPeer_createMenu;
#Java_sun_awt_motif_MMenuPeer_createSubMenu;
#Java_sun_awt_motif_MMenuPeer_pDispose;
#Java_sun_awt_motif_MPopupMenuPeer_createMenu;
#Java_sun_awt_motif_MPopupMenuPeer_pDispose;
#Java_sun_awt_motif_MPopupMenuPeer_pShow;
#Java_sun_awt_motif_MRobotPeer_getRGBPixelsImpl;
#Java_sun_awt_motif_MRobotPeer_keyPressImpl;
#Java_sun_awt_motif_MRobotPeer_keyReleaseImpl;
#Java_sun_awt_motif_MRobotPeer_mouseMoveImpl;
#Java_sun_awt_motif_MRobotPeer_mousePressImpl;
#Java_sun_awt_motif_MRobotPeer_mouseReleaseImpl;
#Java_sun_awt_motif_MRobotPeer_mouseWheelImpl;
#Java_sun_awt_motif_MRobotPeer_setup;
#Java_sun_awt_motif_MScrollbarPeer_create;
#Java_sun_awt_motif_MScrollbarPeer_setLineIncrement;
#Java_sun_awt_motif_MScrollbarPeer_setPageIncrement;
#Java_sun_awt_motif_MScrollbarPeer_pSetValues;
#Java_sun_awt_motif_MScrollPanePeer_create;
#Java_sun_awt_motif_MScrollPanePeer_pGetBlockIncrement;
#Java_sun_awt_motif_MScrollPanePeer_pGetScrollbarSpace;
#Java_sun_awt_motif_MScrollPanePeer_pGetShadow;
#Java_sun_awt_motif_MScrollPanePeer_pInsets;
#Java_sun_awt_motif_MScrollPanePeer_pSetIncrement;
#Java_sun_awt_motif_MScrollPanePeer_pSetScrollChild;
#Java_sun_awt_motif_MScrollPanePeer_setScrollPosition;
#Java_sun_awt_motif_MTextAreaPeer_initIDs;
#Java_sun_awt_motif_MTextAreaPeer_pCreate;
#Java_sun_awt_motif_MTextAreaPeer_getCaretPosition;
#Java_sun_awt_motif_MTextAreaPeer_getExtraHeight;
#Java_sun_awt_motif_MTextAreaPeer_getExtraWidth;
#Java_sun_awt_motif_MTextAreaPeer_getSelectionEnd;
#Java_sun_awt_motif_MTextAreaPeer_getSelectionStart;
#Java_sun_awt_motif_MTextAreaPeer_getText;
```

```

#Java_sun_awt_motif_MTextAreaPeer_insert;
#Java_sun_awt_motif_MTextAreaPeer_pMakeCursorVisible;
#Java_sun_awt_motif_MTextAreaPeer_pSetEditable;
#Java_sun_awt_motif_MTextAreaPeer_pShow2;
#Java_sun_awt_motif_MTextAreaPeer_replaceRange;
#Java_sun_awt_motif_MTextAreaPeer_select;
#Java_sun_awt_motif_MTextAreaPeer_setCaretPosition;
#Java_sun_awt_motif_MTextAreaPeer_setFont;
#Java_sun_awt_motif_MTextAreaPeer_setText;
#Java_sun_awt_motif_MTextAreaPeer_setTextBackground;
#Java_sun_awt_motif_MTextFieldPeer_initIDs;
#Java_sun_awt_motif_MTextFieldPeer_pCreate;
#Java_sun_awt_motif_MTextFieldPeer_getCaretPosition;
#Java_sun_awt_motif_MTextFieldPeer_getSelectionEnd;
#Java_sun_awt_motif_MTextFieldPeer_getSelectionStart;
#Java_sun_awt_motif_MTextFieldPeer_getText;
#Java_sun_awt_motif_MTextFieldPeer_insertReplaceText;
#Java_sun_awt_motif_MTextFieldPeer_preDispose;
#Java_sun_awt_motif_MTextFieldPeer_pSetEditable;
#Java_sun_awt_motif_MTextFieldPeer_select;
#Java_sun_awt_motif_MTextFieldPeer_setCaretPosition;
#Java_sun_awt_motif_MTextFieldPeer_setEchoChar;
#Java_sun_awt_motif_MTextFieldPeer_setFont;
#Java_sun_awt_motif_MTextFieldPeer_setText;
Java_sun_awt_motif_MToolkit_beep;
Java_sun_awt_motif_MToolkit_getLockingKeyStateNative;
Java_sun_awt_motif_MToolkit_getMulticlickTime;
    Java_sun_awt_motif_MToolkit_getNumMouseButtons;
Java_sun_awt_motif_MToolkit_getScreenHeight;
Java_sun_awt_motif_MToolkit_getScreenResolution;
Java_sun_awt_motif_MToolkit_getScreenWidth;
Java_sun_awt_motif_MToolkit_init;
Java_sun_awt_motif_MToolkit_isDynamicLayoutSupportedNative;
Java_sun_awt_motif_MToolkit_isFrameStateSupported;
Java_sun_awt_motif_MToolkit_loadSystemColors;
Java_sun_awt_motif_MToolkit_makeColorModel;
Java_sun_awt_motif_MToolkit_run;
Java_sun_awt_motif_MToolkit_sync;
    Java_sun_awt_motif_MToolkit_isAlwaysOnTopSupported;
Java_sun_awt_motif_MWindowAttributes_initIDs;
#Java_sun_awt_motif_MWindowPeer_pDispose;
#Java_sun_awt_motif_MWindowPeer_pHide;
#Java_sun_awt_motif_MWindowPeer_pReshape;
#Java_sun_awt_motif_MWindowPeer_pSetTitle;
#Java_sun_awt_motif_MWindowPeer_pShow;
#Java_sun_awt_motif_MWindowPeer_setResizable;
#Java_sun_awt_motif_MWindowPeer_toBack;
#Java_sun_awt_motif_MWindowPeer_addTextComponentNative;

```

```

#Java_sun_awt_motif_MWindowPeer_getState;
#Java_sun_awt_motif_MWindowPeer_pSetIMMOption;
#Java_sun_awt_motif_MWindowPeer_pSetMenuBar;
#Java_sun_awt_motif_MWindowPeer_pShowModal;
#Java_sun_awt_motif_MWindowPeer_removeTextComponentNative;
#Java_sun_awt_motif_MWindowPeer_setSaveUnder;
#Java_sun_awt_motif_MWindowPeer_setState;
#Java_sun_awt_motif_MWindowPeer_resetTargetGC;
#Java_sun_awt_motif_MWindowPeer_registerX11DropTarget;
#Java_sun_awt_motif_MWindowPeer_unregisterX11DropTarget;
    #Java_sun_awt_motif_MWindowPeer_updateAlwaysOnTop;
#Java_sun_awt_motif_X11CustomCursor_cacheInit;
#Java_sun_awt_motif_X11CustomCursor_createCursor;
#Java_sun_awt_motif_X11CustomCursor_queryBestCursor;
Java_sun_awt_motif_X11FontMetrics_bytesWidth;
Java_sun_awt_motif_X11FontMetrics_getMFCharsWidth;
Java_sun_awt_motif_X11FontMetrics_init;
Java_sun_awt_X11InputMethod_disposeXIC;
Java_sun_awt_X11InputMethod_isCompositionEnabledNative;
Java_sun_awt_X11InputMethod_resetXIC;
Java_sun_awt_X11InputMethod_setCompositionEnabledNative;
Java_sun_awt_X11InputMethod_turnoffStatusWindow;
#Java_sun_awt_motif_MInputMethod_openXIMNative;
#Java_sun_awt_motif_MInputMethod_configureStatusAreaNative;
#Java_sun_awt_motif_MInputMethod_createXICNative;
#Java_sun_awt_motif_MInputMethod_reconfigureXICNative;
#Java_sun_awt_motif_MInputMethod_setXICFocusNative;
#Java_sun_awt_motif_X11Clipboard_getClipboardData;
#Java_sun_awt_motif_X11Clipboard_getClipboardFormats;
#Java_sun_awt_motif_X11Clipboard_registerClipboardViewer;
#Java_sun_awt_motif_X11Clipboard_unregisterClipboardViewer;
#Java_sun_awt_motif_X11Selection_init;
#Java_sun_awt_motif_X11Selection_pGetSelectionOwnership;
#Java_sun_awt_motif_X11Selection_clearNativeContext;
Java_sun_awt_SunToolkit_closeSplashScreen;
Java_sun_awt_PlatformFont_initIDs;
Java_sun_awt_X11GraphicsConfig_init;
Java_sun_awt_X11GraphicsConfig_dispose;
Java_sun_awt_X11GraphicsConfig_pGetBounds;
Java_sun_awt_X11GraphicsConfig_getNumColors;
Java_sun_awt_X11GraphicsConfig_getXResolution;
Java_sun_awt_X11GraphicsConfig_getYResolution;
    Java_sun_awt_X11GraphicsConfig_isTranslucencyCapable;
Java_sun_awt_X11GraphicsDevice_isDBESupported;
Java_sun_awt_X11GraphicsDevice_getDisplay;
Java_sun_awt_X11GraphicsDevice_getDoubleBufferVisuals;
Java_sun_awt_X11GraphicsDevice_getNumConfigs;
Java_sun_awt_X11GraphicsDevice_initIDs;

```

```
Java_sun_awt_X11GraphicsDevice_initXrandrExtension;
Java_sun_awt_X11GraphicsDevice_enterFullScreenExclusive;
Java_sun_awt_X11GraphicsDevice_exitFullScreenExclusive;
Java_sun_awt_X11GraphicsDevice_getCurrentDisplayMode;
Java_sun_awt_X11GraphicsDevice_enumDisplayModes;
Java_sun_awt_X11GraphicsDevice_configDisplayMode;
Java_sun_awt_X11GraphicsDevice_resetNativeData;
Java_sun_awt_X11GraphicsEnvironment_checkShmExt;
Java_sun_awt_X11GraphicsEnvironment_getDefaultScreenNum;
Java_sun_awt_X11GraphicsEnvironment_getDisplayString;
Java_sun_awt_X11GraphicsEnvironment_getNumScreens;
Java_sun_awt_X11GraphicsEnvironment_initDisplay;
Java_sun_awt_X11GraphicsEnvironment_pRunningXinerama;
Java_sun_awt_X11GraphicsEnvironment_getXineramaCenterPoint;
Java_sun_awt_X11GraphicsEnvironment_initXRender;
```

```
Java_java_awt_AWTEvent_initIDs;
Java_java_awt_Button_initIDs;
Java_java_awt_Container_initIDs;
Java_java_awt_Cursor_finalizeImpl;
Java_java_awt_Cursor_initIDs;
Java_java_awt_Event_initIDs;
Java_java_awt_event_InputEvent_initIDs;
Java_java_awt_event_KeyEvent_initIDs;
Java_java_awt_FileDialog_initIDs;
Java_java_awt_Frame_initIDs;
Java_java_awt_Insets_initIDs;
Java_java_awt_TextField_initIDs;
Java_java_awt_Window_initIDs;
#Java_sun_awt_motif_MCheckboxPeer_getIndicatorSize;
#Java_sun_awt_motif_MCheckboxPeer_getSpacing;
#Java_sun_awt_motif_MChoicePeer_freeNativeData;
#Java_sun_awt_motif_MComponentPeer_getComponents_1NoClientCode;
#Java_sun_awt_motif_MComponentPeer_getParent_1NoClientCode;
#Java_sun_awt_motif_MComponentPeer_initIDs;
#Java_sun_awt_motif_MComponentPeer_nativeHandleEvent;
#Java_sun_awt_motif_MComponentPeer_pSetCursor;
#Java_sun_awt_motif_MComponentPeer_pSetInnerForeground;
#Java_sun_awt_motif_MComponentPeer_pSetScrollbarBackground;
#Java_sun_awt_motif_MComponentPeer_setTargetBackground;
#Java_sun_awt_motif_MDataTransferer_dragQueryFile;
#Java_sun_awt_motif_MDataTransferer_getAtomForTarget;
#Java_sun_awt_motif_MDataTransferer_getTargetNameForAtom;
#Java_sun_awt_motif_MFileDialogPeer_insertReplaceFileDialogText;
Java_sun_awt_motif_MFontPeer_initIDs;
#Java_sun_awt_motif_MListPeer_setBackground;
```

```

#Java_sun_awt_motif_MMenuBarPeer_initIDs;
#Java_sun_awt_motif_MMenuBarPeer_pDispose;
#Java_sun_awt_motif_MMenuItemPeer_getParent_1NoClientCode;
#Java_sun_awt_motif_MMenuItemPeer_initIDs;
#Java_sun_awt_motif_MMenuItemPeer_pSetShortcut;
#Java_sun_awt_motif_MPopupMenuPeer_initIDs;
#Java_sun_awt_motif_MScrollbarPeer_initIDs;
#Java_sun_awt_motif_MScrollPanePeer_initIDs;
#Java_sun_awt_motif_MTextAreaPeer_pSetCursor;
Java_sun_awt_motif_MToolkit_shutdown;
#Java_sun_awt_motif_MWindowPeer_initIDs;
#Java_sun_awt_motif_MWindowPeer_pCreate;
#Java_sun_awt_motif_MWindowPeer_wrapInSequenced;
Java_sun_awt_motif_X11FontMetrics_initIDs;
#Java_sun_awt_X11InputMethod_initIDs;
Java_sun_awt_motif_X11OffScreenImage_updateBitmask;
#Java_sun_awt_motif_X11Selection_initIDs;
Java_sun_awt_motif_MToolkitThreadBlockedHandler_enter;
Java_sun_awt_motif_MToolkitThreadBlockedHandler_exit;
Java_sun_awt_X11GraphicsConfig_init;
Java_sun_awt_X11GraphicsConfig_initIDs;
Java_sun_awt_X11GraphicsConfig_makeColorModel;
Java_sun_awt_X11GraphicsDevice_getConfigVisualId;
Java_sun_awt_X11PMBlitLoops_Blit;
Java_sun_awt_X11PMBlitBgLoops_nativeBlitBg;
Java_sun_awt_X11Renderer_devFillSpans;
Java_sun_awt_X11Renderer_doDrawArc;
Java_sun_awt_X11Renderer_doDrawLine;
Java_sun_awt_X11Renderer_doDrawOval;
Java_sun_awt_X11Renderer_doDrawPoly;
Java_sun_awt_X11Renderer_doDrawRect;
Java_sun_awt_X11Renderer_doDrawRoundRect;
Java_sun_awt_X11Renderer_doFillArc;
Java_sun_awt_X11Renderer_doFillOval;
Java_sun_awt_X11Renderer_doFillPoly;
Java_sun_awt_X11Renderer_doFillRect;
Java_sun_awt_X11Renderer_doFillRoundRect;
Java_sun_awt_X11Renderer_devCopyArea;
Java_sun_awt_X11SurfaceData_initIDs;
Java_sun_awt_X11SurfaceData_initOps;
Java_sun_awt_X11SurfaceData_initSurface;
Java_sun_awt_X11SurfaceData_isDgaAvailable;
Java_sun_awt_X11SurfaceData_setInvalid;
Java_sun_awt_X11SurfaceData_flushNativeSurface;
    #Java_sun_awt_motif_MEmbedCanvasPeer_initXEmbedServer;
    #Java_sun_awt_motif_MEmbedCanvasPeer_destroyXEmbedServer;
    #Java_sun_awt_motif_MEmbedCanvasPeer_isXEmbedActive;
    #Java_sun_awt_motif_MEmbedCanvasPeer_initDispatching;

```

```

#Java_sun_awt_motif_MEmbedCanvasPeer_endDispatching;
#Java_sun_awt_motif_MEmbedCanvasPeer_embedChild;
#Java_sun_awt_motif_MEmbedCanvasPeer_childDestroyed;
#Java_sun_awt_motif_MEmbedCanvasPeer_getEmbedPreferredSize;
#Java_sun_awt_motif_MEmbedCanvasPeer_getEmbedMinimumSize;
#Java_sun_awt_motif_MEmbedCanvasPeer_getClientBounds;
#Java_sun_awt_motif_MEmbedCanvasPeer_notifyChildEmbedded;
#Java_sun_awt_motif_MEmbedCanvasPeer_detachChild;
#Java_sun_awt_motif_MEmbedCanvasPeer_forwardKeyEvent;
#Java_sun_awt_motif_MEmbedCanvasPeer_getAWTKeyCodeForKeySym;
#Java_sun_awt_motif_MEmbedCanvasPeer_sendMessage__I;
#Java_sun_awt_motif_MEmbedCanvasPeer_sendMessage__IJJ;
#Java_sun_awt_motif_MEmbedCanvasPeer_getWindow;
#Java_sun_awt_motif_MEmbedCanvasPeer_forwardEventToEmbedded;
#Java_sun_awt_motif_GrabbedKey_initKeySymAndModifiers;
#Java_sun_awt_motif_MEmbeddedFramePeer_traverseOut;
awt_display;
awt_lock;
awt_Lock;
awt_Unlock;
    awt_GetDrawingSurface;
    awt_FreeDrawingSurface;
    awt_GetComponent;

X11SurfaceData_GetOps;
getDefaultConfig;
    Java_sun_font_FontConfigManager_getFontConfig;
    Java_sun_font_FontConfigManager_getFontConfigAASettings;
Java_sun_awt_X11FontManager_getFontPathNative;
Java_sun_font_SunFontManager_populateFontFileNameMap;

# CDE private entry point
Java_sun_awt_motif_XsessionWMcommand;

# Java Plugin
getAwtLockFunctions;
getAwtData;
getAwtDisplay;

# libfontmanager entry points
AWTIsHeadless;
AWTCountFonts;
    AWTLoadFont;
    AWTFreeFont;
    AWTFontMinByte1;
    AWTFontMaxByte1;
    AWTFontMinCharOrByte2;
    AWTFontMaxCharOrByte2;

```



```
AWTFontDefaultChar;
AWTFontPerChar;
AWTFontMaxBounds;
AWTFontTextExtents16;
AWTFreeChar;
AWTFontGenerateImage;
AWTCharAdvance;
AWTCharLBearing;
AWTCharRBearing;
AWTCharAscent;
AWTCharDescent;
AWTDrawGlyphList;
AccelGlyphCache_RemoveAllCellInfos;
```

```
local:
```

```
 *;
```

```
};
```

```
#
```

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```
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```

```
#
```

```
SUNWprivate_1.1 {
```

```
 global:
```

```
 Java_java_nio_MappedByteBuffer_force0;
```

```
 Java_java_nio_MappedByteBuffer_isLoaded0;
```

```
 Java_java_nio_MappedByteBuffer_load0;
```

```
 Java_sun_nio_ch_DatagramChannelImpl_disconnect0;
```

```

    Java_sun_nio_ch_DatagramChannelImpl_initIDs;
    Java_sun_nio_ch_DatagramChannelImpl_receive0;
    Java_sun_nio_ch_DatagramChannelImpl_send0;
    Java_sun_nio_ch_DatagramDispatcher_read0;
    Java_sun_nio_ch_DatagramDispatcher_readv0;
    Java_sun_nio_ch_DatagramDispatcher_write0;
    Java_sun_nio_ch_DatagramDispatcher_writev0;
    Java_sun_nio_ch_FileChannelImpl_close0;
    Java_sun_nio_ch_FileChannelImpl_initIDs;
    Java_sun_nio_ch_FileChannelImpl_map0;
    Java_sun_nio_ch_FileChannelImpl_position0;
    Java_sun_nio_ch_FileChannelImpl_transferTo0;
    Java_sun_nio_ch_FileChannelImpl_unmap0;
    Java_sun_nio_ch_FileDispatcherImpl_close0;
    Java_sun_nio_ch_FileDispatcherImpl_closeIntFD;
Java_sun_nio_ch_FileDispatcherImpl_force0;
    Java_sun_nio_ch_FileDispatcherImpl_init;
Java_sun_nio_ch_FileDispatcherImpl_lock0;
    Java_sun_nio_ch_FileDispatcherImpl_preClose0;
    Java_sun_nio_ch_FileDispatcherImpl_pread0;
    Java_sun_nio_ch_FileDispatcherImpl_pwrite0;
    Java_sun_nio_ch_FileDispatcherImpl_read0;
    Java_sun_nio_ch_FileDispatcherImpl_readv0;
Java_sun_nio_ch_FileDispatcherImpl_release0;
Java_sun_nio_ch_FileDispatcherImpl_size0;
Java_sun_nio_ch_FileDispatcherImpl_truncate0;
    Java_sun_nio_ch_FileDispatcherImpl_write0;
    Java_sun_nio_ch_FileDispatcherImpl_writev0;
    Java_sun_nio_ch_FileKey_init;
    Java_sun_nio_ch_FileKey_initIDs;
Java_sun_nio_ch_InheritedChannel_close0;
Java_sun_nio_ch_InheritedChannel_dup;
Java_sun_nio_ch_InheritedChannel_dup2;
Java_sun_nio_ch_InheritedChannel_open0;
Java_sun_nio_ch_InheritedChannel_peerAddress0;
Java_sun_nio_ch_InheritedChannel_peerPort0;
Java_sun_nio_ch_InheritedChannel_soType0;
    Java_sun_nio_ch_IOUtil_configureBlocking;
    Java_sun_nio_ch_IOUtil_drain;
    Java_sun_nio_ch_IOUtil_fdVal;
    Java_sun_nio_ch_IOUtil_initIDs;
    Java_sun_nio_ch_IOUtil_makePipe;
    Java_sun_nio_ch_IOUtil_randomBytes;
    Java_sun_nio_ch_IOUtil_setfdVal;
Java_sun_nio_ch_KQueue_kqueue;
Java_sun_nio_ch_KQueue_keventRegister;
Java_sun_nio_ch_KQueue_keventPoll;
Java_sun_nio_ch_KQueue_keventSize;

```

Java_sun_nio_ch_KQueue_identOffset;
 Java_sun_nio_ch_KQueue_filterOffset;
 Java_sun_nio_ch_KQueue_flagsOffset;
 Java_sun_nio_ch_KQueuePort_socketpair;
 Java_sun_nio_ch_KQueuePort_interrupt;
 Java_sun_nio_ch_KQueuePort_drain1;
 Java_sun_nio_ch_KQueuePort_close0;
 Java_sun_nio_ch_NativeThread_current;
 Java_sun_nio_ch_NativeThread_init;
 Java_sun_nio_ch_NativeThread_signal;
 Java_sun_nio_ch_Net_canIPv6SocketJoinIPv4Group0;
 Java_sun_nio_ch_Net_canJoin6WithIPv4Group0;
 Java_sun_nio_ch_Net_socket0;
 Java_sun_nio_ch_Net_bind0;
 Java_sun_nio_ch_Net_connect0;
 Java_sun_nio_ch_Net_listen;
 Java_sun_nio_ch_Net_localPort;
 Java_sun_nio_ch_Net_localInetAddress;
 Java_sun_nio_ch_Net_getIntOption0;
 Java_sun_nio_ch_Net_setIntOption0;
 Java_sun_nio_ch_Net_initIDs;
 Java_sun_nio_ch_Net_isIPv6Available0;
 Java_sun_nio_ch_Net_joinOrDrop4;
 Java_sun_nio_ch_Net_blockOrUnblock4;
 Java_sun_nio_ch_Net_joinOrDrop6;
 Java_sun_nio_ch_Net_blockOrUnblock6;
 Java_sun_nio_ch_Net_setInterface4;
 Java_sun_nio_ch_Net_getInterface4;
 Java_sun_nio_ch_Net_setInterface6;
 Java_sun_nio_ch_Net_getInterface6;
 Java_sun_nio_ch_Net_shutdown;
 Java_sun_nio_ch_Net_isExclusiveBindAvailable;
 Java_sun_nio_ch_PollArrayWrapper_interrupt;
 Java_sun_nio_ch_PollArrayWrapper_poll0;
 Java_sun_nio_ch_ServerSocketChannelImpl_accept0;
 Java_sun_nio_ch_ServerSocketChannelImpl_initIDs;
 Java_sun_nio_ch_SocketChannelImpl_checkConnect;
 Java_sun_nio_ch_SocketChannelImpl_sendOutOfBandData;
 Java_sun_nio_ch_UnixAsynchronousServerSocketChannelImpl_accept0;
 Java_sun_nio_ch_UnixAsynchronousServerSocketChannelImpl_initIDs;
 Java_sun_nio_ch_UnixAsynchronousSocketChannelImpl_checkConnect;
 Java_sun_nio_fs_BsdNativeDispatcher_initIDs;
 Java_sun_nio_fs_BsdNativeDispatcher_getfsstat;
 Java_sun_nio_fs_BsdNativeDispatcher_fsstatEntry;
 Java_sun_nio_fs_BsdNativeDispatcher_endfsstat;
 Java_sun_nio_fs_UnixNativeDispatcher_init;
 Java_sun_nio_fs_UnixNativeDispatcher_getcwd;
 Java_sun_nio_fs_UnixNativeDispatcher_strerror;

```
Java_sun_nio_fs_UnixNativeDispatcher_dup;  
Java_sun_nio_fs_UnixNativeDispatcher_access0;  
Java_sun_nio_fs_UnixNativeDispatcher_stat0;  
Java_sun_nio_fs_UnixNativeDispatcher_lstat0;  
Java_sun_nio_fs_UnixNativeDispatcher_fstat;  
Java_sun_nio_fs_UnixNativeDispatcher_fstatat0;  
Java_sun_nio_fs_UnixNativeDispatcher_chmod0;  
Java_sun_nio_fs_UnixNativeDispatcher_fchmod;  
Java_sun_nio_fs_UnixNativeDispatcher_chown0;  
Java_sun_nio_fs_UnixNativeDispatcher_lchown0;  
Java_sun_nio_fs_UnixNativeDispatcher_fchown;  
Java_sun_nio_fs_UnixNativeDispatcher_utimes0;  
Java_sun_nio_fs_UnixNativeDispatcher_futimes;  
Java_sun_nio_fs_UnixNativeDispatcher_open0;  
Java_sun_nio_fs_UnixNativeDispatcher_openat0;  
Java_sun_nio_fs_UnixNativeDispatcher_close;  
Java_sun_nio_fs_UnixNativeDispatcher_read;  
Java_sun_nio_fs_UnixNativeDispatcher_write;  
Java_sun_nio_fs_UnixNativeDispatcher_fopen0;  
Java_sun_nio_fs_UnixNativeDispatcher_fclose;  
Java_sun_nio_fs_UnixNativeDispatcher_opendir0;  
Java_sun_nio_fs_UnixNativeDispatcher_fdopendir;  
Java_sun_nio_fs_UnixNativeDispatcher_readdir;  
Java_sun_nio_fs_UnixNativeDispatcher_closedir;  
Java_sun_nio_fs_UnixNativeDispatcher_link0;  
Java_sun_nio_fs_UnixNativeDispatcher_unlink0;  
Java_sun_nio_fs_UnixNativeDispatcher_unlinkat0;  
Java_sun_nio_fs_UnixNativeDispatcher_rename0;  
Java_sun_nio_fs_UnixNativeDispatcher_renameat0;  
Java_sun_nio_fs_UnixNativeDispatcher_mkdir0;  
Java_sun_nio_fs_UnixNativeDispatcher_rmdir0;  
Java_sun_nio_fs_UnixNativeDispatcher_symlink0;  
Java_sun_nio_fs_UnixNativeDispatcher_readlink0;  
Java_sun_nio_fs_UnixNativeDispatcher_realpath0;  
Java_sun_nio_fs_UnixNativeDispatcher_statvfs0;  
Java_sun_nio_fs_UnixNativeDispatcher_pathconf0;  
Java_sun_nio_fs_UnixNativeDispatcher_fpathconf;  
Java_sun_nio_fs_UnixNativeDispatcher_mknod0;  
Java_sun_nio_fs_UnixNativeDispatcher_getpwuid;  
Java_sun_nio_fs_UnixNativeDispatcher_getgrgid;  
Java_sun_nio_fs_UnixNativeDispatcher_getpwnam0;  
Java_sun_nio_fs_UnixNativeDispatcher_getgrnam0;  
Java_sun_nio_fs_UnixCopyFile_transfer;  
handleSocketError;
```

```
local:
```

```
  *;
```

```
};
```

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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  
* { @code java.lang.RuntimePermission },  
* that don't need such a list; you either have the named permission (such  
* as "system.exit") or you don't.  
*  
* <p>An important method that must be implemented by each subclass is  
* the { @code implies } method to compare Permissions. Basically,  
* "permission p1 implies permission p2" means that  
* if one is granted permission p1, one is naturally granted permission p2.  
* Thus, this is not an equality test, but rather more of a  
* subset test.  
*  
* <P> Permission objects are similar to String objects in that they  
* are immutable once they have been created. Subclasses should not  
* provide methods that can change the state of a permission  
* once it has been created.  
*  
* @see Permissions  
* @see PermissionCollection  
*  
* @author Marianne Mueller
```


* @author Roland Schemers

*/

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

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

```
    private String name;
```

```
    /**
```

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

```
     *
```

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

```
     *
```

```
    */
```

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

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

```
    }
```

```
    /**
```

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

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

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

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

```
     * a SecurityException.
```

```
     *
```

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

```
     *
```

```
     * @throws SecurityException
```

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

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

```
     *
```

```
     * @see Guard
```

```
     * @see GuardedObject
```

```
     * @see SecurityManager#checkPermission
```

```
     *
```

```
    */
```

```
    public void checkGuard(Object object) throws SecurityException {
```

```
        SecurityManager sm = System.getSecurityManager();
```

```
        if (sm != null) sm.checkPermission(this);
```

```
    }
```

```
    /**
```

```
     * Checks if the specified permission's actions are "implied by"
```

```
     * this object's actions.
```

```
     * <P>
```

```
     * This must be implemented by subclasses of Permission, as they are the
```

```

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

```

```

public abstract boolean implies(Permission permission);

```

```

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

```

```

public abstract boolean equals(Object obj);

```

```

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

```

```

public abstract int hashCode();

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

public final String getName() {
    return name;
}

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

public abstract String getActions();

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

```

```

* @return a new PermissionCollection object for this type of Permission, or
* null if one is not defined.
*/

public PermissionCollection newPermissionCollection() {
    return null;
}

/**
 * Returns a string describing this Permission. The convention is to
 * specify the class name, the permission name, and the actions in
 * the following format: '("ClassName" "name" "actions")', or
 * '("ClassName" "name")' if actions list is null or empty.
 *
 * @return information about this Permission.
 */
public String toString() {
    String actions = getActions();
    if ((actions == null) || (actions.length() == 0)) { // OPTIONAL
        return "(" + getClass().getName() + "\" \" + name + "\"";
    } else {
        return "(" + getClass().getName() + "\" \" + name +
            "\" \" + actions + "\"";
    }
}
}
}
}
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 * or visit www.oracle.com if you need additional information or have any

```

* questions.

*/

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

```
/**
```

```
* This interface represents a permission, such as that used to grant
```

```
* a particular type of access to a resource.
```

```
*
```

```
* @author Satish Dharmaraj
```

```
*/
```

```
public interface Permission {
```

```
/**
```

```
* Returns true if the object passed matches the permission represented
```

```
* in this interface.
```

```
*
```

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

```
*
```

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

```
*/
```

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

```
/**
```

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

```
*
```

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

```
*/
```

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

```
}
```

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#

Version

Uses Fedora Core 6 fonts and file paths.

version=1

Component Font Mappings

dialog.plain.latin-1=DejaVu LGC Sans

dialog.plain.japanese-x0208=Sazanami Gothic

dialog.plain.korean=Baekmuk Gulim

dialog.plain.chinese-big5=AR PL ShanHeiSun Uni
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Search Sequences

sequence.allfonts=latin-1
sequence.allfonts.Big5=chinese-big5,latin-1
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1
sequence.allfonts.EUC-KR=korean,latin-1
sequence.allfonts.GB18030=chinese-gb18030,latin-1
sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

Font File Names

filename.DejaVu_LGC_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf
filename.DejaVu_LGC_Sans_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf
filename.DejaVu_LGC_Sans_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf
filename.DejaVu_LGC_Sans_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf

filename.DejaVu_LGC_Sans_Mono=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf
filename.DejaVu_LGC_Sans_Mono_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf
filename.DejaVu_LGC_Sans_Mono_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Oblique.ttf
filename.DejaVu_LGC_Sans_Mono_Bold_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-BoldOblique.ttf

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*/

package java.lang;

```
import java.io.BufferedInputStream;
import java.io.BufferedOutputStream;
import java.io.ByteArrayInputStream;
import java.io.FileDescriptor;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.util.Arrays;
import java.util.Locale;
```

```

import java.util.concurrent.Executors;
import java.util.concurrent.Executor;
import java.util.concurrent.ThreadFactory;
import java.security.AccessController;
import static java.security.AccessController.doPrivileged;
import java.security.PrivilegedAction;
import java.security.PrivilegedActionException;
import java.security.PrivilegedExceptionAction;

/**
 * java.lang.Process subclass in the UNIX environment.
 *
 * @author Mario Wolczko and Ross Knippel.
 * @author Konstantin Kladko (ported to BSD)
 * @author Martin Buchholz
 */
final class UNIXProcess extends Process {
    private static final sun.misc.JavaIOFileDescriptorAccess fdAccess
        = sun.misc.SharedSecrets.getJavaIOFileDescriptorAccess();

    private final int pid;
    private int exitcode;
    private boolean hasExited;

    private /* final */ OutputStream stdin;
    private /* final */ InputStream stdout;
    private /* final */ InputStream stderr;

    private static enum LaunchMechanism {
        FORK(1),
        POSIX_SPAWN(2);

        private int value;
        LaunchMechanism(int x) { value = x; }
    };

    /* On BSD, the default is to spawn */
    private static final LaunchMechanism launchMechanism;
    private static byte[] helperpath;

    private static byte[] toCString(String s) {
        if (s == null)
            return null;
        byte[] bytes = s.getBytes();
        byte[] result = new byte[bytes.length + 1];
        System.arraycopy(bytes, 0,
            result, 0,
            bytes.length);
    }

```

```

        result[result.length-1] = (byte)0;
        return result;
    }

    static {
        launchMechanism = AccessController.doPrivileged(
            new PrivilegedAction<LaunchMechanism>()
            {
                public LaunchMechanism run() {
                    String javahome = System.getProperty("java.home");

                    helperpath = toCString(javahome + "/lib/jspawnhelper");
                    String s = System.getProperty(
                        "jdk.lang.Process.launchMechanism", "posix_spawn");

                    try {
                        return LaunchMechanism.valueOf(s.toUpperCase(Locale.ENGLISH));
                    } catch (IllegalArgumentException e) {
                        throw new Error(s + " is not a supported " +
                            "process launch mechanism on this platform.");
                    }
                }
            });
    }

    /* this is for the reaping thread */
    private native int waitForProcessExit(int pid);

    /**
     * Create a process. Depending on the mode flag, this is done by
     * one of the following mechanisms.
     * - fork(2) and exec(2)
     * - posix_spawn(2)
     *
     * @param fds an array of three file descriptors.
     *   Indexes 0, 1, and 2 correspond to standard input,
     *   standard output and standard error, respectively. On
     *   input, a value of -1 means to create a pipe to connect
     *   child and parent processes. On output, a value which
     *   is not -1 is the parent pipe fd corresponding to the
     *   pipe which has been created. An element of this array
     *   is -1 on input if and only if it is not -1 on
     *   output.
     * @return the pid of the subprocess
     */
    private native int forkAndExec(int mode, byte[] helperpath,
        byte[] prog,
        byte[] argBlock, int argc,

```

```

        byte[] envBlock, int envc,
        byte[] dir,
        int[] fds,
        boolean redirectErrorStream)
throws IOException;

/**
 * The thread factory used to create "process reaper" daemon threads.
 */
private static class ProcessReaperThreadFactory implements ThreadFactory {
    private final static ThreadGroup group = getRootThreadGroup();

    private static ThreadGroup getRootThreadGroup() {
        return doPrivileged(new PrivilegedAction<ThreadGroup> () {
            public ThreadGroup run() {
                ThreadGroup root = Thread.currentThread().getThreadGroup();
                while (root.getParent() != null)
                    root = root.getParent();
                return root;
            }
        });
    }

    public Thread newThread(Runnable grimReaper) {
        // Our thread stack requirement is quite modest.
        Thread t = new Thread(group, grimReaper, "process reaper", 32768);
        t.setDaemon(true);
        // A small attempt (probably futile) to avoid priority inversion
        t.setPriority(Thread.MAX_PRIORITY);
        return t;
    }
}

/**
 * The thread pool of "process reaper" daemon threads.
 */
private static final Executor processReaperExecutor =
doPrivileged(new PrivilegedAction<Executor>() {
    public Executor run() {
        return Executors.newCachedThreadPool
            (new ProcessReaperThreadFactory());
    }
});

UNIXProcess(final byte[] prog,
            final byte[] argBlock, final int argc,
            final byte[] envBlock, final int envc,
            final byte[] dir,
            final int[] fds,
            final boolean redirectErrorStream)

```

```

throws IOException {

pid = forkAndExec(launchMechanism.value,
    helperpath,
    prog,
    argBlock, argc,
    envBlock, envc,
    dir,
    fds,
    redirectErrorStream);

try {
    doPrivileged(new PrivilegedExceptionAction<Void>() {
        public Void run() throws IOException {
            initStreams(fds);
            return null;
        }
    });
} catch (PrivilegedActionException ex) {
    throw (IOException) ex.getException();
}
}

static FileDescriptor newFileDescriptor(int fd) {
    FileDescriptor fileDescriptor = new FileDescriptor();
    fdAccess.set(fileDescriptor, fd);
    return fileDescriptor;
}

void initStreams(int[] fds) throws IOException {
    stdin = (fds[0] == -1) ?
        ProcessBuilder.NullOutputStream.INSTANCE :
        new ProcessPipeOutputStream(fds[0]);

    stdout = (fds[1] == -1) ?
        ProcessBuilder.NullInputStream.INSTANCE :
        new ProcessPipeInputStream(fds[1]);

    stderr = (fds[2] == -1) ?
        ProcessBuilder.NullInputStream.INSTANCE :
        new ProcessPipeInputStream(fds[2]);

    processReaperExecutor.execute(new Runnable() {
        public void run() {
            int exitcode = waitForProcessExit(pid);
            UNIXProcess.this.processExited(exitcode);
        }
    });
}

```

```

void processExited(int exitcode) {
    synchronized (this) {
        this.exitcode = exitcode;
        hasExited = true;
        notifyAll();
    }

    if (stdout instanceof ProcessPipeInputStream)
        ((ProcessPipeInputStream) stdout).processExited();

    if (stderr instanceof ProcessPipeInputStream)
        ((ProcessPipeInputStream) stderr).processExited();

    if (stdin instanceof ProcessPipeOutputStream)
        ((ProcessPipeOutputStream) stdin).processExited();
}

public OutputStream getOutputStream() {
    return stdin;
}

public InputStream getInputStream() {
    return stdout;
}

public InputStream getErrorStream() {
    return stderr;
}

public synchronized int waitFor() throws InterruptedException {
    while (!hasExited) {
        wait();
    }
    return exitcode;
}

public synchronized int exitValue() {
    if (!hasExited) {
        throw new IllegalStateException("process hasn't exited");
    }
    return exitcode;
}

private static native void destroyProcess(int pid);
public void destroy() {
    // There is a risk that pid will be recycled, causing us to
    // kill the wrong process! So we only terminate processes
    // that appear to still be running. Even with this check,

```

```

// there is an unavoidable race condition here, but the window
// is very small, and OSes try hard to not recycle pids too
// soon, so this is quite safe.
synchronized (this) {
    if (!hasExited)
        destroyProcess(pid);
}
try { stdin.close(); } catch (IOException ignored) {}
try { stdout.close(); } catch (IOException ignored) {}
try { stderr.close(); } catch (IOException ignored) {}
}

private static native void init();

static {
    init();
}

/**
 * A buffered input stream for a subprocess pipe file descriptor
 * that allows the underlying file descriptor to be reclaimed when
 * the process exits, via the processExited hook.
 *
 * This is tricky because we do not want the user-level InputStream to be
 * closed until the user invokes close(), and we need to continue to be
 * able to read any buffered data lingering in the OS pipe buffer.
 */
static class ProcessPipeInputStream extends BufferedInputStream {
    private final Object closeLock = new Object();

    ProcessPipeInputStream(int fd) {
        super(new FileInputStream(newFileDescriptor(fd)));
    }

    private static byte[] drainInputStream(InputStream in)
        throws IOException {
        int n = 0;
        int j;
        byte[] a = null;
        while ((j = in.available()) > 0) {
            a = (a == null) ? new byte[j] : Arrays.copyOf(a, n + j);
            n += in.read(a, n, j);
        }
        return (a == null || n == a.length) ? a : Arrays.copyOf(a, n);
    }

    /** Called by the process reaper thread when the process exits. */
    synchronized void processExited() {
        synchronized (closeLock) {

```



```

try {
    InputStream in = this.in;
    // this stream is closed if and only if: in == null
    if (in != null) {
        byte[] stragglers = drainInputStream(in);
        in.close();
        this.in = (stragglers == null) ?
            ProcessBuilder.NullInputStream.INSTANCE :
            new ByteArrayInputStream(stragglers);
    }
} catch (IOException ignored) {}
}
}

@Override
public void close() throws IOException {
    // BufferedInputStream#close() is not synchronized unlike most other methods.
    // Synchronizing helps avoid race with processExited().
    synchronized (closeLock) {
        super.close();
    }
}

/**
 * A buffered output stream for a subprocess pipe file descriptor
 * that allows the underlying file descriptor to be reclaimed when
 * the process exits, via the processExited hook.
 */
static class ProcessPipeOutputStream extends BufferedOutputStream {
    ProcessPipeOutputStream(int fd) {
        super(new FileOutputStream(newFileDescriptor(fd)));
    }

    /** Called by the process reaper thread when the process exits. */
    synchronized void processExited() {
        OutputStream out = this.out;
        if (out != null) {
            try {
                out.close();
            } catch (IOException ignored) {
                // We know of no reason to get an IOException, but if
                // we do, there's nothing else to do but carry on.
            }
            this.out = ProcessBuilder.NullOutputStream.INSTANCE;
        }
    }
}
}

```

}

1.169 java_cup 0.11a :16.el7

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1.170 javapackages-tools 3.4.1 :11.el7

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1.171 Javassist 3.11.0.GA

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1.175 jaxrpc-api 1.1 :0

1.175.1 Available under license :

Summary: jaxrpc-api

Name: jaxrpc-api

Version: 1.1

Release: 0

License: CDDL 1.0

Group: Libraries/Java

Source: /users/sahuero/sandbox/SOURCES/jboss-jaxrpc-api_1.1_spec-1.0.1.Final-sources.jar

URL: <https://svn.java.net/svn/jax-rpc-svn>

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```
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```

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

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```
/*
```

```
* Portable JBIG image compression library
```

```

*
* Copyright 1995-2007 -- Markus Kuhn -- http://www.cl.cam.ac.uk/~mgk25/
*
* $Id: jbig.c 1297 2008-08-27 19:18:37Z mgk25 $
*
* This module implements a portable standard C encoder and decoder
* using the JBIG1 lossless bi-level image compression algorithm
* specified in International Standard ISO 11544:1993 and
* ITU-T Recommendation T.82. See the file jbig.txt for usage
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*
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```

1.177 jemalloc 3.6.0 :1.e16

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1.179 jetty 8.1.14.v20131031

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1.180 jGrowl 1.2.4

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1.182 jQuery 1.4.2

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```

*/

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1.184 jQuery BBQ 1.2.1

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```
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 * http://benalman.com/projects/jquery-bbq-plugin/  
 *  
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```

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1.185 jQuery BlockUI 2.3.1

1.185.1 Available under license :

```
/*!
 * jQuery blockUI plugin
 * Version 2.33 (29-MAR-2010)
 * @requires jQuery v1.2.3 or later
 *
 * Examples at: http://malsup.com/jquery/block/
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 *
 * Thanks to Amir-Hossein Sobhi for some excellent contributions!
 */
```

1.186 jQuery Context Menu 1.0

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1.187 jQuery UI 1.8.2

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1.188 jquery.ba-postmessage 0.5

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* jQuery postMessage - v0.5 - 9/11/2009

* <http://benalman.com/projects/jquery-postmessage-plugin/>

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1.189 jquery.json 2.2

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1.191 json-c 0.11 :4.e17_0

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1.193 kbd 1.15.5 :13.el7

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>28 lelong x \b, %dx

>24 lelong x \b%d

1.194 kexec-tools 2.0.14 :17.el7

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1.195 keyutils 1.5.8 :3.el7

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1.196 kmod 20 :15.e17

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

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

lib/gssapi/spnego/spnego_mech.c

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

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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<li class="toctree-l1">Resources

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in

```
src/lib/gssapi
```

, including the following files:

```
lib
gssapi
generic
gssapi_err_generic
et
```

```
lib
gssapi
```



```
class="o"/></span><span class="n">mechglue</span><span class="o"/></span><span
class="n">mglueP</span><span class="o"/></span><span class="n">h</span>
<span class="n">lib</span><span class="o"/></span><span class="n">gssapi</span><span
class="o"/></span><span class="n">mechglue</span><span class="o"/></span><span
class="n">oid_ops</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">gssapi</span><span
class="o"/></span><span class="n">spnego</span><span class="o"/></span><span
class="n">gssapiP_spnego</span><span class="o"/></span><span class="n">h</span>
<span class="n">lib</span><span class="o"/></span><span class="n">gssapi</span><span
class="o"/></span><span class="n">spnego</span><span class="o"/></span><span
class="n">spnego_mech</span><span class="o"/></span><span class="n">c</span>
</pre></div>
</div>
```

<p>and the initial implementation of incremental propagation, including the following new or changed files:</p>

```
<div class="highlight-python"><div class="highlight"><pre><span class="n">include</span><span
class="o"/></span><span class="n">iprop_hdr</span><span class="o"/></span><span class="n">h</span>
<span class="n">kadmin</span><span class="o"/></span><span class="n">server</span><span
class="o"/></span><span class="n">ipropd_svc</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">iprop</span><span class="o"/></span><span class="n">x</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">kdb_convert</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">kdb_log</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">kdb_log</span><span class="o"/></span><span class="n">h</span>
<span class="n">lib</span><span class="o"/></span><span class="n">krb5</span><span
class="o"/></span><span class="n">error_tables</span><span class="o"/></span><span
class="n">kdb5_err</span><span class="o"/></span><span class="n">et</span>
<span class="n">slave</span><span class="o"/></span><span class="n">kpropd_rpc</span><span
class="o"/></span><span class="n">c</span>
<span class="n">slave</span><span class="o"/></span><span class="n">kproplog</span><span
class="o"/></span><span class="n">c</span>
</pre></div>
</div>
```

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

.. parsed-literal::

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

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

.. parsed-literal::

include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
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lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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import os
import sys
import re

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

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

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

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

    # Check filename comment if present.

```

```

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

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

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

    ln += 1

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

```

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*****/
#pragma prototyped

/*
* bsd
*/

#define bsd_description \
"The BSD checksum."
#define bsd_options 0
#define bsd_match "bsd|ubc"
#define bsd_open long_open
#define bsd_init long_init
#define bsd_done short_done
#define bsd_print long_print
#define bsd_data long_data
#define bsd_scale 1024

static int
bsd_block(register Sum_t* p, const void* s, size_t n)
{
    register uint32_t c = ((Integral_t*)p)->sum;
    register unsigned char* b = (unsigned char*)s;
    register unsigned char* e = b + n;

    while (b < e)
        c = ((c >> 1) + *b++ + ((c & 01) ? 0x8000 : 0)) & 0xffff;
    ((Integral_t*)p)->sum = c;
    return 0;
}

```


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1.202 libaio 0.3.109 :13.e17

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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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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.

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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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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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```
@iftex
@unnumberedsec TERMS AND CONDITIONS
@end iftex
@ifinfo
@center TERMS AND CONDITIONS
@end ifinfo
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@enumerate 0
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```

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@heading END OF TERMS AND CONDITIONS

@end iftex

@ifinfo

@center END OF TERMS AND CONDITIONS

@end ifinfo

@unnumberedsec How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

@smallexample

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

Copyright (C) @var{year} @var{name of author}

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This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see [@url{http://www.gnu.org/licenses/}](http://www.gnu.org/licenses/).
@end smallexample

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

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

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

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

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see [@url{http://www.gnu.org/licenses/}](http://www.gnu.org/licenses/).

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```
@end enumerate
@node Library Copying
@appendix GNU LESSER GENERAL PUBLIC LICENSE
```

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

```
@display
Copyright @copyright{} 1991, 1999 Free Software Foundation, Inc.
```

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@end display

@appendixsubsec 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.

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

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@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

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@item

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@end enumerate

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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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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 enumerate

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@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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

@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

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:

@smallexample

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

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Version 2.1, February 1999

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1.206 libcap 2.22 :9.e17

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/* -----

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M32R Foreign Function Interface

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----- */
-----*-C-*-

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Target configuration macros for M32R.

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1.210 libfontenc 1.1.3 :3.e17

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1.211 libgcrypt 1.5.3 :14.e17

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1.215 libjpeg-turbo 1.2.90 :5.el7

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libjpeg-turbo note: This file has been modified by The libjpeg-turbo Project to include only information relevant to libjpeg-turbo, to wordsmith certain sections, and to remove impolitic language that existed in the libjpeg v8 README. It is included only for reference. Please see README-turbo.txt for information specific to libjpeg-turbo.

The Independent JPEG Group's JPEG software

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This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16).

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.
coderrules.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 "cjpeg" 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 "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

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

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These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

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

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 best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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/jpegsr.v8d.tar.gz>, and in Windows-compatible "zip" archive format as <http://www.ijg.org/files/jpegsr8d.zip>.

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 archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

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send usenet/news.answers/jpeg-faq/part2

FILE FORMAT WARS

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The ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" 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

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

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1.216 libmnl 1.0.3 :7.e17

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Version 2.1, February 1999

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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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must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a

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

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1.222 libnl3 3.2.28 :4.e17

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1.223 libogg 1.3.0 :7.e17

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1.224 libpcap 1.5.3 :9.el7

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1.225 libpciaccess 0.13.4 :3.el7_3

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1.228 libpwquality 1.2.3 :4.e17

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE refentry PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN"
    "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<!-- lifted from troff+man by doclifter -->
<refentry>
<refentryinfo>
  <author><firstname>Paul</firstname><surname>Wouters</surname><authorblurb><para>placeholder to suppress
warning</para> </authorblurb></author>
</refentryinfo>
<refmeta>
<refentrytitle>_REALSETUP</refentrytitle>
<manvolnum>8</manvolnum>
<refmiscinfo class='date'>25 Apr 2002</refmiscinfo>
<refmiscinfo class="source">libreswan</refmiscinfo>
<refmiscinfo class="manual">Executable programs</refmiscinfo>
</refmeta>
<refnamediv id='name'>
<refname>ipsec _realsetup</refname>
<refpurpose>internal routine to start FreeS/WAN.</refpurpose>
</refnamediv>
```

<!-- body begins here -->

<refsect1 id='description'><title>DESCRIPTION</title>

<para><emphasis remap='I'>_realsetup</emphasis>

is called by the system init scripts to start the FreeS/WAN system. It starts

<emphasis remap='B'>KLIPS</emphasis>

(the kernel component) and

<emphasis remap='B'>pluto</emphasis>

(the userspace keying component).</para>

</refsect1>

<refsect1 id='see_also'><title>SEE ALSO</title>

<para><citerefentry><refentrytitle>ipsec</refentrytitle><manvolnum>8</manvolnum></citerefentry>,</para>

<citerefentry><refentrytitle>ipsec__klipsstart</refentrytitle><manvolnum>8</manvolnum></citerefentry>,</para>

<citerefentry><refentrytitle>ipsec__plutorun</refentrytitle><manvolnum>8</manvolnum></citerefentry>.</para>

</refsect1>

<refsect1 id='history'><title>HISTORY</title>

<para>Man page written for the Linux FreeS/WAN project <<mlink

url='http://www.freeswan.org/'>http://www.freeswan.org/</mlink>>

by Michael Richardson. Original program by Henry Spencer.</para>

</refsect1>

</refentry>

Makefile for miscellaneous programs

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#

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#

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PROGRAM=_realsetup

PROGRAMOBJDIR=_realsetup.bsd

ifdef top_srcdir

include \$(top_srcdir)/mk/program.mk

else

include ../mk/program.mk

endif

```

\" t
.\" Title: _REALSETUP
.\" Author: Paul Wouters
.\" Generator: DocBook XSL Stylesheets v1.77.1 <http://docbook.sf.net/>
.\" Date: 12/16/2012
.\" Manual: Executable programs
.\" Source: libreswan
.\" Language: English
.\"
.TH \"_REALSETUP\" \"8\" \"12/16/2012\" \"libreswan\" \"Executable programs\"
.\" -----
.\" * Define some portability stuff
.\" -----
.\" ~~~~~
.\" http://bugs.debian.org/507673
.\" http://lists.gnu.org/archive/html/groff/2009-02/msg00013.html
.\" ~~~~~
.ie \n(.g .ds Aq \(aq
.el   .ds Aq '
.\" -----
.\" * set default formatting
.\" -----
.\" disable hyphenation
.nh
.\" disable justification (adjust text to left margin only)
.ad l
.\" -----
.\" * MAIN CONTENT STARTS HERE *
.\" -----
.SH \"NAME\"
ipsec__realsetup \- internal routine to start FreeS/WAN\&.
.SH \"DESCRIPTION\"
.PP
\fI_realsetup\fR
is called by the system init scripts to start the FreeS/WAN system\&. It starts
\fBKlips\fR
(the kernel component) and
\fBpluto\fR
(the userspace keying component)\&.
.SH \"SEE ALSO\"
.PP
\fBipsec\fR(8),
\fBipsec__klipsstart\fR(8),
\fBipsec__plutorun\fR(8)\&.
.SH \"HISTORY\"
.PP
Man page written for the Linux FreeS/WAN project <\fBhttp://www\&.freeswan\&.org\fR\> by
Michael Richardson\&. Original program by Henry Spencer\&.

```

.SH "AUTHOR"
.PP
\fBP Paul Wouters\fr
.RS 4
placeholder to suppress warning
.RE

1.231 libseccomp 2.3.1 :3.el7

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

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

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

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

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

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

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

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For an executable, the required form of the "work that uses the

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

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

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

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machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that 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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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is

analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

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

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it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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

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

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

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

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

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

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

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

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

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) 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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1.239 libS RTP 2.0.0

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1.241 libssh2 1.4.3 :10.e17_2.1

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```
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#!/bin/sh
# Get modification time of a file or directory and pretty-print it.

scriptversion=2010-08-21.06; # UTC

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# written by Ulrich Drepper <drepper@gnu.ai.mit.edu>, June 1995
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1.243 libthai 0.1.14 :9.el7

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1.247 libusb 0.1.4 :3.el7

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Version 2.1, February 1999

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1.249 libuser 0.60 :7.e17_1

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

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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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1.251 libvorto 0.2.5 :4.el7

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1.252 libvorbis 1.3.3 :8.el7

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1.253 libX11 1.6.5 :1.el7

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1.254 libXau 1.0.8 :2.1.e17

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1.255 libxcb 1.12 :1.e17

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1.256 libXcomposite 0.4.4 :4.1.el7

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1.257 libXcursor 1.1.14 :8.1.el7.centos

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1.258 libXext 1.3.3 :3.e17

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1.259 libXfixes 5.0.3 :1.e17

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1.260 libXft 2.3.2 :2.e17

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1.261 libXi 1.7.9 :1.e17

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1.262 libXinerama 1.1.3 :2.1.e17

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1.263 libxml2 2.9.1 :7.el7.centos.3

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1.264 libXpm 3.5.12 :1.el7

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1.265 libXrandr 1.5.1 :2.e17

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1.266 libXrender 0.9.10 :1.e17

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1.267 libxshmfence 1.2 :1.el7

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1.268 libxslt 1.1.28 :5.el7

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1.270 libXxf86vm 1.1.4 :1.e17

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1.272 Iksctp-tools 1.0.17 :2.e17

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```
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```

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```
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```

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

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1.273 Im_sensors 3.4.0

:4.20160601gitf9185e5.e17

1.273.1 Available under license :

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That's all there is to it!
Here is a list of the main contributors to lm-sensors version 3.

- * Frodo Looijaard
Original author of libsensors, sensors-detect, sensors and isadump.
- * Merlin Hughes
Original author of sensord.
- * Bob Schlaermann
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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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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This

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

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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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.

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

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

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

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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

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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.
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1.284 mariadb 5.5.56 :2.e17

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Schwarz <schwarz@debian.org> and ist maintained since 1999-04-20 by
Christian Hammers <ch@debian.org>.

The MariaDB packages were initaly made by <http://ourdelta.org/>, and
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Warnings:

Warning 1681 'SHOW CONTRIBUTORS' is deprecated and will be removed in a future release.

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```
'#-----BS_STVARS_040_01-----#'
```

```
SELECT COUNT(@@GLOBAL.license);
```

```
COUNT(@@GLOBAL.license)
```

```
1
```

```
1 Expected
```

```
'#-----BS_STVARS_040_02-----#'
```

```
SET @@GLOBAL.license=1;
```

```
ERROR HY000: Variable 'license' is a read only variable
```

```
Expected error 'Read only variable'
```

```
SELECT COUNT(@@GLOBAL.license);
```

```
COUNT(@@GLOBAL.license)
```

```
1
```

```
1 Expected
```

```
'#-----BS_STVARS_040_03-----#'
```

```
SELECT @@GLOBAL.license = VARIABLE_VALUE
```

```
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
```

```

WHERE VARIABLE_NAME='license';
@@GLOBAL.license = VARIABLE_VALUE
1
1 Expected
SELECT COUNT(@@GLOBAL.license);
COUNT(@@GLOBAL.license)
1
1 Expected
SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
COUNT(VARIABLE_VALUE)
1
1 Expected
'#-----BS_STVARS_040_04-----#'
SELECT @@license = @@GLOBAL.license;
@@license = @@GLOBAL.license
1
1 Expected
'#-----BS_STVARS_040_05-----#'
SELECT COUNT(@@license);
COUNT(@@license)
1
1 Expected
SELECT COUNT(@@local.license);
ERROR HY000: Variable 'license' is a GLOBAL variable
Expected error 'Variable is a GLOBAL variable'
SELECT COUNT(@@SESSION.license);
ERROR HY000: Variable 'license' is a GLOBAL variable
Expected error 'Variable is a GLOBAL variable'
SELECT COUNT(@@GLOBAL.license);
COUNT(@@GLOBAL.license)
1
1 Expected
SELECT license = @@SESSION.license;
ERROR 42S22: Unknown column 'license' in 'field list'
Expected error 'ReadOnly variable'

```

```
##### mysql-test\t\license_basic.test #####
```

```

#                                     #
# Variable Name: license                #
# Scope: Global                          #
# Access Type: Static                    #
# Data Type: string                       #
#                                     #
#                                     #
# Creation Date: 2008-02-07              #

```



```

# Author : Sharique Abdullah #
# #
# #
# Description:Test Cases of Dynamic System Variable license #
# that checks the behavior of this variable in the following ways #
# * Value Check #
# * Scope Check #
# #
# Reference: http://dev.mysql.com/doc/refman/5.1/en/ #
# server-system-variables.html #
# #
#####

```

```

--echo '#-----BS_STVARS_040_01-----#'
#####
# Displaying default value #
#####
SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

```

```

--echo '#-----BS_STVARS_040_02-----#'
#####
# Check if Value can set #
#####

```

```

--error ER_INCORRECT_GLOBAL_LOCAL_VAR
SET @@GLOBAL.license=1;
--echo Expected error 'Read only variable'

SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

```

```

--echo '#-----BS_STVARS_040_03-----#'
#####
# Check if the value in GLOBAL Table matches value in variable #
#####

```

```

SELECT @@GLOBAL.license = VARIABLE_VALUE
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
--echo 1 Expected

```

```

SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

```

```

SELECT COUNT(VARIABLE_VALUE)
FROM INFORMATION_SCHEMA.GLOBAL_VARIABLES
WHERE VARIABLE_NAME='license';
--echo 1 Expected

```

```

--echo '#-----BS_STVARS_040_04-----#'
#####
# Check if accessing variable with and without GLOBAL point to same variable #
#####
SELECT @@license = @@GLOBAL.license;
--echo 1 Expected

```

```

--echo '#-----BS_STVARS_040_05-----#'
#####
# Check if license can be accessed with and without @@ sign #
#####

```

```

SELECT COUNT(@@license);
--echo 1 Expected

```

```

--Error ER_INCORRECT_GLOBAL_LOCAL_VAR
SELECT COUNT(@@local.license);
--echo Expected error 'Variable is a GLOBAL variable'

```

```

--Error ER_INCORRECT_GLOBAL_LOCAL_VAR
SELECT COUNT(@@SESSION.license);
--echo Expected error 'Variable is a GLOBAL variable'

```

```

SELECT COUNT(@@GLOBAL.license);
--echo 1 Expected

```

```

--Error ER_BAD_FIELD_ERROR
SELECT license = @@SESSION.license;
--echo Expected error 'Readonly variable'
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```

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```
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```

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```
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```

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```
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```

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

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=====

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Version 2.1, February 1999

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1.286 mdadm 4.0 :5.el7

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1.287 mesa 17.0.1 :6.20170307.el7

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</head>
<body>

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</div>

<iframe src="contents.html"></iframe>
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</body>

</html>

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* and line-feed.

*

* [GLSL Language Specification 4.30.6, section 3.1]

*

* In this file, we test each of these in turn as follows:

*

- * Identifier characters: All pass through unchanged
- * Punctuation: All pass through unchanged
- * Special: Empty directive replaced with blank line
- * Line continuation merges two lines, then a blank line
- * Whitespace: 4 horizontal space characters each replaced with space
- * 2 newline characters each replaced with a newline

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```

```
bsd_license_template = """"%s
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```

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Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>

Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
CC: "jorge@iryoku.com" <jorge@iryoku.com>

Yes to both questions.

Thanks,
Jorge

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

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:

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

Okay, a few more questions:

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

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological
anti-aliasing based on Jimenez\' MLAA. 0 to disable, 8 for default
quality". Is this in compliance with your exception?

Thanks again,

~tom

==

Fedora Project

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:39 PM
To: "jorge@iryoku.com" <jorge@iryoku.com>, Tom Callaway <tcallawa@redhat.com>

Hi Tom,

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

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

Cheers,
Jorge

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

Jorge,

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

The license says:

- * 2. Redistributions in binary form must reproduce the following statement:
- *
* "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
* Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
*
* Only for use in the Mesa project, this point 2 is filled by naming the
* technique Jimenez's MLAA in the Mesa config options.

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

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

OR

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

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

Thanks in advance,

Tom Callaway
Fedora Legal

==

Fedora Project

1.288 mgetty 1.2.1 :28.el7.centos

1.288.1 Available under license :

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Version 2, June 1991

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```

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1.289 microcode_ctl 2.1 :22.e17

1.290 mkfontdir 1.0.7 :9.1.2

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1.291 mkfontscale 1.1.1 :2.1.2

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1.292 mozjs17 17.0.0 :19.el7

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1.293 mt-st 1.1 :14.e17

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<one line to give the program's name and a brief idea of what it does.>

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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1.294 ncurses 5.9 :14.20130511.el7_4

1.294.1 Available under license :

Upstream source <http://invisible-island.net/ncurses/ncurses-examples.html>

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Files: install-sh

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This script is compatible with the BSD `install` script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's `install` programs.

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1.295 ndisc6 1.0.3 :1.e17

1.295.1 Available under license :

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Version 2, June 1991

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1.296 net-tools 2.0 :0.22.20131004git.el7

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1.297 nettle 2.7.1 :8.e17

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<signature of Ty Coon>, 1 April 1989
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</pre>
<p>
  </p>
</div>
<div class="footer">
<hr>Generated by GTK-Doc V1.25</div>
</body>
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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.

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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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- 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

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

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

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

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:

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user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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

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

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

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(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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description of each third-party package. At the end of this file is the license of each. The license of Nmap itself is in the COPYING file.

On all platforms, Nmap is normally linked with:

- o libpcap: Network packet capture library. Distributed with Nmap in the libpcap subdirectory.
<http://www.tcpdump.org/>
- o libdnet: Networking library, used for low-level tasks such as sending ethernet frames. A modified version is distributed with Nmap in the libdnet-stripped subdirectory. A summary of Nmap-local modifications is in the file NMAP_MODIFICATIONS.
<http://code.google.com/p/libdnet/>
- o PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's version detection and is also made available as an NSE library. Distributed with Nmap in the libpcre subdirectory.
<http://www.pcre.org/>
- o liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the `--without-liblua` configuration directive.
<http://www.lua.org/>
- o OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL can be disabled by configuring with the `--without-openssl` configuration directive.
<http://www.openssl.org/>
- o LIBLINEAR. Used for IPv6 OS classification.
<http://www.csie.ntu.edu.tw/~cjlin/liblinear/>
- o libsvn. The Subversion library, used by the updater program `nmap-update`. <http://subversion.apache.org/>
- o APR (Apache Portable Runtime). Used by libsvn. <http://apr.apache.org/>

On Windows only, Nmap uses:

- o WinPcap: libpcap for Windows. The libpcap license applies to WinPcap, and it also has its own license. A binary copy of the library is distributed with Nmap in the subdirectory `m32/winpcap`.
<http://www.winpcap.org/>

Certain Nmap Scripting Engine scripts use the simplified BSD license in `licenses/BSD-simplified`.

Zenmap and Ndiff require:

- o Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either `py2exe` or `py2app`.
<http://www.python.org/>

The Windows and Mac OS X binary packages include bundled versions of:

- o GLib, GTK+, ATK, Pango: These libraries are licensed under the GNU LGPL 2, a copy of which is in the file licenses/LGPL-2.
<http://www.gtk.org/>
- o Cairo: graphics library. Dual-licensed under the GNU LGPL 2.1 and the MPL 1.1. See the files licenses/LGPL-2.1 and licenses/MPL-1.1.
<http://www.cairographics.org/>
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<http://xmlsoft.org/>
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- o Various X.org libraries. These were built using MacPorts.
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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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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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 15. [16]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
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 32. [35]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
 33. [36]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication

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46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
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51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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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
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 13. [14]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
 14. [15]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
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 16. [17]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
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 20. [21]Dave Hart <davehart@davehart.com> General maintenance, Windows port interpolation rewrite
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```
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1.309 numactl-libs 2.0.9 :6.e17_2

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1.310 openldap 2.4.44 :5.e17

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1.312 openssh 7.4p1 :11.e17

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\*  
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/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
int fd;
short events;
short revents;
} pollfd_t;

```

```

typedef unsigned int nfd_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

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

int poll(struct pollfd *, nfd_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
/* $Id: BSD-waitpid.h,v 1.5 2003/08/29 16:59:52 mouring 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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\* @version 3.0 (December 2000)

\*

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

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

\* @author Paulo Barreto <paulo.barreto@terra.com.br>

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\*/

#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)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_
```

```
typedef struct pollfd {
 int fd;
 short events;
 short revents;
} pollfd_t;
```

```
typedef unsigned int nfds_t;
```

```
#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
```

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

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

```
/*
```

```
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```

```
*
```

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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 */

```

```

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 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
.Xr 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.
.El
.Pp
On some systems,
diff -up openssl-7.4p1/sftp-server.c.sftp-force-mode openssl-7.4p1/sftp-server.c
--- openssl-7.4p1/sftp-server.c.sftp-force-mode 2017-02-09 10:22:36.498019921 +0100
+++ openssl-7.4p1/sftp-server.c 2017-02-09 10:35:07.190520959 +0100
@@ -65,6 +65,10 @@ struct sshbuf *oqueue;
/* Version of client */
static u_int version;

+/* Force file permissions */
+int permforce = 0;
+long permforcemode;
+
+/* SSH2_FXP_INIT received */
static int init_done;

@@ -679,6 +683,7 @@ process_open(u_int32_t id)
Attrib a;
char *name;
int r, handle, fd, flags, mode, status = SSH2_FX_FAILURE;
+ mode_t old_umask = 0;

if ((r = sshbuf_get_cstring(iqueue, &name, NULL)) != 0 ||
 (r = sshbuf_get_u32(iqueue, &pflags)) != 0 || /* portable flags */
@@ -688,6 +693,10 @@ process_open(u_int32_t id)
debug3("request %u: open flags %d", id, pflags);
flags = flags_from_portable(pflags);
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]\n\t[-P blacklisted_requests] "
- "[-p whitelisted_requests] [-u umask]\n"
+ "[-p whitelisted_requests] [-u umask] [-m force_file_perms]\n"
 " %s -Q protocol_feature\n",
 __progname, __progname);
exit(1);
@@ -1516,7 +1527,7 @@ sftp_server_main(int argc, char **argv,
pw = pwcopu(user_pw);

while (!skipargs && (ch = getopt(argc, argv,
- "d:f:l:P:p:Q:u:cehR")) != -1) {
+ "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();

```

# 1.313 OpenSSL 1.0.2n

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# 1.319 pango 1.40.4 :1.e17

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## 1.320 passwd 0.79 :4.e17

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## 1.322 pciutils 3.5.1 :2.el7

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Written by: Philip Hazel

Email local part: ph10

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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```
<one line to give the program's name and a brief idea of what it does.>
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```

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

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

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

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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### **1.337.1 Available under license :**

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## **1.339 perl-Pod-Perldoc 3.20 :4.el7**

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## **1.341 perl-Pod-Usage 1.63 :3.el7**

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## **1.342 perl-podlators 2.5.1 :3.el7**

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# 1.343 perl-Scalar-List-Utils 1.27 :248.el7

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

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## :0.28.20140113.el7.centos

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## 1.358 polkit 0.112 :12.e17\_3

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# 1.359 polkit-pkla-compat 0.1 :4.e17

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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

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

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

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(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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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
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Ty Coon, President of Vice
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## 1.364 pth 2.0.7 :23.el7

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```

| _\|||_| ``Ian Fleming was a UNIX fan!
| |)|_|'_\ How do I know? Well, James Bond
| _/|||_| had the (license to kill) number 007,
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```

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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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Version 3, 19 November 2007

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

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

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# 1.367 pygobject3 3.22.0 :1.e17

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## 1.369 pyliblzma 0.5.3 :11.el7

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## 1.371 python-backports-ssl\_match\_hostname 3.4.0.2 :4.e17

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## 1.377 python-iniparse 0.4 :9.e17

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#### A. HISTORY OF THE SOFTWARE

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

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

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

the PSF.

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

| Release from   | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |
| 2.3            | 2.2.2        | 2002-2003 | PSF        | yes                 |
| 2.3.1          | 2.3          | 2002-2003 | PSF        | yes                 |
| 2.3.2          | 2.3.1        | 2002-2003 | PSF        | yes                 |
| 2.3.3          | 2.3.2        | 2002-2003 | PSF        | yes                 |

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

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## 1.380 python-lxml 3.2.1 :4.e17

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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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|---------|---------|------|-------|-----------------|
| from    |         |      |       | compatible? (1) |

|                |           |           |            |     |
|----------------|-----------|-----------|------------|-----|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes |
| 1.6            | 1.5.2     | 2000      | CNRI       | no  |
| 2.0            | 1.6       | 2000      | BeOpen.com | no  |
| 1.6.1          | 1.6       | 2001      | CNRI       | no  |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no  |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes |
| 2.2            | 2.1.1     | 2001      | PSF        | yes |
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# 1.381 python-paramiko 2.1.1 :2.e17

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## 1.382 python-ply 3.4 :11.el7

## 1.383 python-pyasn1 0.1.9 :7.el7



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## 1.384 python-pycparser 2.14 :1.e17

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# 1.385 python-pycurl 7.19.0 :19.e17

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## 1.387 python-six 1.9.0 :2.e17

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## 1.389 python-suds 0.4.1 :5.el7

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# 1.390 python-urlgrabber 3.10 :8.e17

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A. HISTORY OF THE SOFTWARE

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

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

software.

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

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

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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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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A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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L. Peter Deutsch  
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Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

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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.

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#### A. HISTORY OF THE SOFTWARE

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

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

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

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

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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

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

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## 1.397 Red5 0.9.1

### 1.397.1 Available under license :

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## 1.398 redis32u 3.2.5 :1.ius.centos7

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## 1.401 rsync 3.0.9 :18.e17

### 1.401.1 Available under license :

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Version 3, 29 June 2007

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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,



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

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

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October 28, 1997

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Sam Lantinga (slouken@libsdl.org)

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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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## 1.406 sed 4.2.2 :5.eI7

### 1.406.1 Available under license :

=====

Test 1.1:101

=====

Testing argument parsing

First type

e1\_11\_1

e1\_11\_1

e1\_11\_2

e1\_11\_2

e1\_11\_3

e1\_11\_3

e1\_11\_4

e1\_11\_4

e1\_11\_5

e1\_11\_5

e1\_11\_6

e1\_11\_6

e1\_11\_7

e1\_11\_7

e1\_11\_8

e1\_11\_8

e1\_11\_9

e1\_11\_9

e1\_11\_10

e1\_11\_10

e1\_11\_11

e1\_11\_11

e1\_11\_12

e1\_11\_12

e1\_11\_13

e1\_11\_13

e1\_11\_14

e1\_11\_14

=====

Test 1.2:102

=====

e1\_11\_1



e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

=====  
Test 1.3:103

=====  
e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====  
Test 1.4:104

=====

e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

Second type

=====

Test 1.4.1:105

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 1.5:106

=====

s1\_11\_1  
s1\_11\_1  
s1\_11\_2  
s1\_11\_2  
s1\_11\_3  
s1\_11\_3  
s1\_11\_4  
s1\_11\_4  
s1\_11\_5  
s1\_11\_5

s1\_11\_6  
s1\_11\_6  
s1\_11\_7  
s1\_11\_7  
s1\_11\_8  
s1\_11\_8  
s1\_11\_9  
s1\_11\_9  
s1\_11\_10  
s1\_11\_10  
s1\_11\_11  
s1\_11\_11  
s1\_11\_12  
s1\_11\_12  
s1\_11\_13  
s1\_11\_13  
s1\_11\_14  
s1\_11\_14

=====  
Test 1.6:107  
=====

s1\_11\_1  
s1\_11\_1  
s1\_11\_2  
s1\_11\_2  
s1\_11\_3  
s1\_11\_3  
s1\_11\_4  
s1\_11\_4  
s1\_11\_5  
s1\_11\_5  
s1\_11\_6  
s1\_11\_6  
s1\_11\_7  
s1\_11\_7  
s1\_11\_8  
s1\_11\_8  
s1\_11\_9  
s1\_11\_9  
s1\_11\_10  
s1\_11\_10  
s1\_11\_11  
s1\_11\_11  
s1\_11\_12  
s1\_11\_12  
s1\_11\_13  
s1\_11\_13

s1\_11\_14  
s1\_11\_14

=====  
Test 1.7:108

=====  
e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====  
Test 1.8:109

=====  
e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5

e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14

=====

Test 1.9:110

=====

s1\_11\_1  
s1\_11\_2  
s1\_11\_3  
s1\_11\_4  
s1\_11\_5  
s1\_11\_6  
s1\_11\_7  
s1\_11\_8  
s1\_11\_9  
s1\_11\_10  
s1\_11\_11  
s1\_11\_12  
s1\_11\_13  
s1\_11\_14

=====

Test 1.10:111

=====

s1\_11\_1  
s1\_11\_2  
s1\_11\_3  
s1\_11\_4  
s1\_11\_5  
s1\_11\_6  
s1\_11\_7  
s1\_11\_8

s1\_11\_9  
s1\_11\_10  
s1\_11\_11  
s1\_11\_12  
s1\_11\_13  
s1\_11\_14

=====  
Test 1.11:112

=====  
e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

=====  
Test 1.12:113

=====  
e1\_11\_1  
e1\_11\_2  
e1\_11\_3  
e1\_11\_4  
e1\_11\_5  
e1\_11\_6  
e1\_11\_7  
e1\_11\_8  
e1\_11\_9  
e1\_11\_10  
e1\_11\_11  
e1\_11\_12  
e1\_11\_13  
e1\_11\_14

=====  
Test 1.13:114

=====  
e1\_11\_1  
e2\_e1\_11\_1

e2\_e1\_11\_1  
e1\_11\_2  
e2\_e1\_11\_2  
e2\_e1\_11\_2  
e1\_11\_3  
e2\_e1\_11\_3  
e2\_e1\_11\_3  
e1\_11\_4  
e2\_e1\_11\_4  
e2\_e1\_11\_4  
e1\_11\_5  
e2\_e1\_11\_5  
e2\_e1\_11\_5  
e1\_11\_6  
e2\_e1\_11\_6  
e2\_e1\_11\_6  
e1\_11\_7  
e2\_e1\_11\_7  
e2\_e1\_11\_7  
e1\_11\_8  
e2\_e1\_11\_8  
e2\_e1\_11\_8  
e1\_11\_9  
e2\_e1\_11\_9  
e2\_e1\_11\_9  
e1\_11\_10  
e2\_e1\_11\_10  
e2\_e1\_11\_10  
e1\_11\_11  
e2\_e1\_11\_11  
e2\_e1\_11\_11  
e1\_11\_12  
e2\_e1\_11\_12  
e2\_e1\_11\_12  
e1\_11\_13  
e2\_e1\_11\_13  
e2\_e1\_11\_13  
e1\_11\_14  
e2\_e1\_11\_14  
e2\_e1\_11\_14

=====

Test 1.14:115

=====

s1\_11\_1  
s2\_s1\_11\_1  
s2\_s1\_11\_1  
s1\_11\_2

s2\_s1\_11\_2  
s2\_s1\_11\_2  
s1\_11\_3  
s2\_s1\_11\_3  
s2\_s1\_11\_3  
s1\_11\_4  
s2\_s1\_11\_4  
s2\_s1\_11\_4  
s1\_11\_5  
s2\_s1\_11\_5  
s2\_s1\_11\_5  
s1\_11\_6  
s2\_s1\_11\_6  
s2\_s1\_11\_6  
s1\_11\_7  
s2\_s1\_11\_7  
s2\_s1\_11\_7  
s1\_11\_8  
s2\_s1\_11\_8  
s2\_s1\_11\_8  
s1\_11\_9  
s2\_s1\_11\_9  
s2\_s1\_11\_9  
s1\_11\_10  
s2\_s1\_11\_10  
s2\_s1\_11\_10  
s1\_11\_11  
s2\_s1\_11\_11  
s2\_s1\_11\_11  
s1\_11\_12  
s2\_s1\_11\_12  
s2\_s1\_11\_12  
s1\_11\_13  
s2\_s1\_11\_13  
s2\_s1\_11\_13  
s1\_11\_14  
s2\_s1\_11\_14  
s2\_s1\_11\_14

=====

Test 1.15:116

=====

e1\_11\_1  
s1\_e1\_11\_1  
s1\_e1\_11\_1  
e1\_11\_2  
s1\_e1\_11\_2  
s1\_e1\_11\_2



e1\_11\_3  
s1\_e1\_11\_3  
s1\_e1\_11\_3  
e1\_11\_4  
s1\_e1\_11\_4  
s1\_e1\_11\_4  
e1\_11\_5  
s1\_e1\_11\_5  
s1\_e1\_11\_5  
e1\_11\_6  
s1\_e1\_11\_6  
s1\_e1\_11\_6  
e1\_11\_7  
s1\_e1\_11\_7  
s1\_e1\_11\_7  
e1\_11\_8  
s1\_e1\_11\_8  
s1\_e1\_11\_8  
e1\_11\_9  
s1\_e1\_11\_9  
s1\_e1\_11\_9  
e1\_11\_10  
s1\_e1\_11\_10  
s1\_e1\_11\_10  
e1\_11\_11  
s1\_e1\_11\_11  
s1\_e1\_11\_11  
e1\_11\_12  
s1\_e1\_11\_12  
s1\_e1\_11\_12  
e1\_11\_13  
s1\_e1\_11\_13  
s1\_e1\_11\_13  
e1\_11\_14  
s1\_e1\_11\_14  
s1\_e1\_11\_14

=====

Test 1.16:117

=====

e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4

e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14  
e1\_11\_1  
e1\_11\_1  
e1\_11\_2  
e1\_11\_2  
e1\_11\_2  
e1\_11\_3  
e1\_11\_3  
e1\_11\_4  
e1\_11\_4  
e1\_11\_4  
e1\_11\_5  
e1\_11\_5  
e1\_11\_6  
e1\_11\_6  
e1\_11\_6  
e1\_11\_7  
e1\_11\_7  
e1\_11\_7  
e1\_11\_8  
e1\_11\_8  
e1\_11\_8  
e1\_11\_9  
e1\_11\_9  
e1\_11\_10  
e1\_11\_10  
e1\_11\_10  
e1\_11\_11  
e1\_11\_11  
e1\_11\_11  
e1\_11\_12  
e1\_11\_12  
e1\_11\_12  
e1\_11\_13  
e1\_11\_13  
e1\_11\_13  
e1\_11\_14  
e1\_11\_14  
e1\_11\_14

=====

Test 1.17:118

=====

- 11\_1
- 11\_1
- 11\_2
- 11\_2
- 11\_3
- 11\_3
- 11\_4
- 11\_4
- 11\_5
- 11\_5
- 11\_6
- 11\_6
- 11\_7
- 11\_7
- 11\_8
- 11\_8
- 11\_9
- 11\_9
- 11\_10
- 11\_10
- 11\_11
- 11\_11
- 11\_12
- 11\_12
- 11\_13
- 11\_13
- 11\_14
- 11\_14

=====

Test 1.18:119

=====

- 11\_1
- 11\_2
- 11\_3
- 11\_4
- 11\_5
- 11\_6
- 11\_7
- 11\_8
- 11\_9
- 11\_10
- 11\_11
- 11\_12

11\_13  
11\_14  
Testing address ranges

=====  
Test 2.1:120  
=====

11\_4

=====  
Test 2.2:121  
=====

12\_6

=====  
Test 2.3:122  
=====

11\_14

=====  
Test 2.4:123  
=====

12\_9

=====  
Test 2.5:124  
=====

=====  
Test 2.6:125  
=====

12\_9

=====  
Test 2.7:126  
=====

=====  
Test 2.9:127  
=====

11\_7

=====  
Test 2.10:128  
=====

11\_7

=====  
Test 2.10:128  
=====

=====  
Test 2.10:128  
=====

Test 2.11:129

=====

11\_7

=====

Test 2.12:130

=====

11\_1

11\_2

11\_3

11\_4

=====

Test 2.13:131

=====

11\_1

11\_2

11\_3

11\_4

11\_5

11\_6

11\_7

11\_8

11\_9

11\_10

11\_11

11\_12

11\_13

11\_14

12\_1

12\_2

12\_3

12\_4

12\_5

12\_6

12\_7

12\_8

12\_9

=====

Test 2.14:132

=====

11\_1

11\_2

11\_3

11\_4

11\_5

11\_6

11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====  
Test 2.15:133

=====  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====  
Test 2.16:134

=====  
11\_4  
11\_5  
11\_6

11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6

=====  
Test 2.17:135  
=====

11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_14  
12\_1  
12\_2  
12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====  
Test 2.18:136  
=====

12\_3  
12\_4  
12\_5  
12\_6  
12\_7  
12\_8  
12\_9

=====

Test 2.19:137

=====

11\_12

=====

Test 2.20:138

=====

11\_7

Brace and other grouping

=====

Test 3.1:139

=====

11\_1

11\_2

11\_3

^11T4\$

^11T5\$

^11T6\$

^11T7\$

^11T8\$

^11T9\$

^11T10\$

^11T11\$

^11T12\$

11\_13

11\_14

=====

Test 3.2:140

=====

11\_1

11\_2

11\_3

^11\_4

^11\_5

^11\_6\$

^11\_7\$

^11T8\$

^11\_9\$

^11\_10\$

^11\_11

^11\_12

11\_13

11\_14

=====

Test 3.3:141



=====

^11T1\$

^11T2\$

^11T3\$

11\_4

11\_5

11\_6

11\_7

11\_8

11\_9

11\_10

11\_11

11\_12

^11T13\$

^11T14\$

=====

Test 3.4:142

=====

^11\_1

^11\_2

^11\_3

11\_4

11\_5

11\_6

11\_7

11\_8

11\_9

11\_10

11\_11

11\_12

^11\_13

^11\_14

Testing a c d and i commands

=====

Test 4.1:143

=====

before\_il1\_1

after\_ibefore\_il1\_1

before\_il1\_2

after\_ibefore\_il1\_2

before\_il1\_3

after\_ibefore\_il1\_3

before\_il1\_4

after\_ibefore\_il1\_4

before\_il1\_5

after\_ibefore\_il1\_5

before\_il1\_6  
after\_ibefore\_il1\_6  
before\_il1\_7  
after\_ibefore\_il1\_7  
before\_il1\_8  
after\_ibefore\_il1\_8  
before\_il1\_9  
after\_ibefore\_il1\_9  
before\_il1\_10  
after\_ibefore\_il1\_10  
before\_il1\_11  
after\_ibefore\_il1\_11  
before\_il1\_12  
after\_ibefore\_il1\_12  
before\_il1\_13  
after\_ibefore\_il1\_13  
before\_il1\_14  
after\_ibefore\_il1\_14  
before\_il2\_1  
after\_ibefore\_il2\_1  
before\_il2\_2  
after\_ibefore\_il2\_2  
before\_il2\_3  
after\_ibefore\_il2\_3  
before\_il2\_4  
after\_ibefore\_il2\_4  
before\_il2\_5  
after\_ibefore\_il2\_5  
before\_il2\_6  
inserted  
after\_ibefore\_il2\_6  
before\_il2\_7  
after\_ibefore\_il2\_7  
before\_il2\_8  
after\_ibefore\_il2\_8  
before\_il2\_9  
after\_ibefore\_il2\_9

=====

Test 4.2:144

=====

before\_al1\_1  
after\_abefore\_al1\_1  
before\_al1\_2  
after\_abefore\_al1\_2  
before\_al1\_3  
after\_abefore\_al1\_3  
before\_al1\_4

after\_abefore\_al1\_4  
before\_a5-1211\_5  
after\_abefore\_a5-1211\_5  
appended  
before\_a5-1211\_6  
after\_abefore\_a5-1211\_6  
appended  
before\_a5-1211\_7  
after\_abefore\_a5-1211\_7  
appended  
before\_a5-1211\_8  
after\_abefore\_a5-1211\_8  
appended  
before\_a5-1211\_9  
after\_abefore\_a5-1211\_9  
appended  
before\_a5-1211\_10  
after\_abefore\_a5-1211\_10  
appended  
before\_a5-1211\_11  
after\_abefore\_a5-1211\_11  
appended  
before\_a5-1211\_12  
after\_abefore\_a5-1211\_12  
appended  
before\_al1\_13  
after\_abefore\_al1\_13  
before\_al1\_14  
after\_abefore\_al1\_14  
before\_al2\_1  
after\_abefore\_al2\_1  
before\_al2\_2  
after\_abefore\_al2\_2  
before\_al2\_3  
after\_abefore\_al2\_3  
before\_al2\_4  
after\_abefore\_al2\_4  
before\_al2\_5  
after\_abefore\_al2\_5  
before\_al2\_6  
after\_abefore\_al2\_6  
before\_al2\_7  
after\_abefore\_al2\_7  
before\_al2\_8  
after\_abefore\_al2\_8  
before\_al2\_9  
after\_abefore\_al2\_9

=====  
Test 4.3:145  
=====

^11\_1  
^11\_1\$  
appended  
^11\_2  
^11\_2\$  
appended  
^11\_3  
^11\_3\$  
appended  
^11\_4  
^11\_4\$  
appended  
^11\_5  
^11\_5\$  
appended  
^11\_6  
^11\_6\$  
appended  
^11\_7  
^11\_7\$  
appended  
^11\_8  
appended  
^11\_8  
11\_9\$  
^11\_10  
appended  
^11\_10  
11\_11\$  
^11\_12  
^11\_12\$  
appended  
^11\_13  
^11\_13\$  
appended  
^11\_14  
^11\_14\$  
appended  
^12\_1  
^12\_1\$  
^12\_2  
^12\_2\$  
^12\_3  
^12\_3\$  
^12\_4

^12\_4\$  
^12\_5  
^12\_5\$  
^12\_6  
^12\_6\$  
^12\_7  
^12\_7\$  
^12\_8  
^12\_8\$  
^12\_9  
^12\_9\$

=====  
Test 4.4:146

=====  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello  
hello

=====  
Test 4.5:147

=====  
hello

=====  
Test 4.6:148

=====  
hello

=====  
Test 4.7:149

=====  
hello

=====  
Test 4.8:150

=====

## Testing labels and branching

=====

Test 5.1:151

=====

label2\_11\_1

label3\_label2\_11\_1

label1\_11\_2

label1\_11\_3

label1\_11\_4

label1\_11\_5

label1\_11\_6

label1\_11\_7

label1\_11\_8

label1\_11\_9

label1\_11\_10

label1\_11\_11

label1\_11\_12

label2\_11\_13

label3\_label2\_11\_13

label2\_11\_14

label3\_label2\_11\_14

=====

Test 5.2:152

=====

tested l2\_1

tested l2\_2

tested l2\_3

tested l2\_4

tested l2\_5

tested l2\_6

tested l2\_7

tested l2\_8

tested l2\_9

tested l2\_10

tested l2\_11

tested l2\_12

tested l2\_13

tested l2\_14

=====

Test 5.3:153

=====

^l1\_1

^l1\_1\$

^l1\_2

^l1\_2\$

^11\_3  
^11\_3\$  
^11\_4  
^11\_4\$  
11\_5\$  
11\_6\$  
11\_7\$  
11\_8\$

=====  
Test 5.4:154

=====  
^11\_1\$  
^11\_2\$  
^11\_3\$  
^11\_4\$  
^11\_5\$  
^11\_6\$  
^11\_7\$  
^11\_8\$  
11\_9\$  
11\_10\$  
11\_11\$  
11\_12\$  
11\_13\$  
11\_14\$

=====  
Test 5.5:155

=====  
^11\_1  
^11\_2  
^11\_4  
^11\_6  
^11\_8

=====  
Test 5.6:156

=====  
11\_1  
11\_2  
11\_3  
11\_4  
11\_5

=====  
Test 5.7:157

=====

l1\_1  
l1\_2  
l1\_3  
l1\_4  
hello  
l1\_5

=====  
Test 5.8:158

=====  
m1\_1  
m1\_2  
m1\_3  
m1\_4  
m1\_5  
m1\_6  
m1\_7  
m1\_8  
m1\_9  
m1\_10  
m1\_11  
m1\_12  
m1\_13  
m1\_14

Pattern space commands

=====  
Test 6.1:159

=====  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed  
changed

=====  
Test 6.2:160

=====  
l1\_1



11\_2  
11\_3  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====  
Test 6.3:161

=====  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====  
Test 6.4:162

=====  
11\_1  
11\_2  
11\_3  
11\_2  
11\_3  
11\_5  
11\_2  
11\_3  
11\_2  
11\_3  
11\_6  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12

11\_13

11\_14

=====

Test 6.5:163

=====

11\_1

11\_2

11\_3

11\_4

11\_5

11\_6

11\_7

11\_8

11\_9

11\_10

11\_11

11\_12

11\_13

11\_14

=====

Test 6.6:164

=====

Testing print and file routines

=====

Test 7.1:165

=====

\001\002\003\004\005\006\a\b\t\$

\v\f\r\016\017\020\021\022\023\024\025\026\027\030\031\032\033\034\

\035\036\037 !"#\$%&'()\*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNQRSTUUVWX\

YZ[\]^\_`abcdefghijklmnopqrstuvwyz{|}~\177\200\201\202\203\204\205\

\206\207\210\211\212\213\214\215\216\217\220\221\222\223\224\225\226\

\227\230\231\232\233\234\235\236\237\240\241\242\243\244\245\246\247\

\250\251\252\253\254\255\256\257\260\261\262\263\264\265\266\267\270\

\271\272\273\274\275\276\277\300\301\302\303\304\305\306\307\310\311\

\312\313\314\315\316\317\320\321\322\323\324\325\326\327\330\331\332\

\333\334\335\336\337\340\341\342\343\344\345\346\347\350\351\352\353\

\354\355\356\357\360\361\362\363\364\365\366\367\370\371\372\373\374\

\375\376\377\$

\$

=====

Test 7.2:166

=====

11\_1

11\_2

11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14  
15  
12\_1  
16  
12\_2  
17  
12\_3  
18  
12\_4  
19  
12\_5  
20  
12\_6  
21  
12\_7  
22  
12\_8  
23  
12\_9

=====  
Test 7.3:167  
=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

w results

- 11\_3
- 11\_4
- 11\_5
- 11\_6
- 11\_7
- 11\_8
- 11\_9
- 11\_10
- 11\_11
- 11\_12

=====

Test 7.4:168

=====

- 11\_1
- 11\_2
- 11\_3
- 11\_4
- 12\_1
- 12\_2
- 12\_3
- 12\_4
- 12\_5
- 12\_6
- 12\_7
- 12\_8
- 12\_9
- 11\_5
- 11\_6
- 11\_7
- 11\_8
- 11\_9
- 11\_10
- 11\_11
- 11\_12
- 11\_13
- 11\_14

=====

Test 7.5:169

=====

- 11\_1
- 11\_2
- 11\_3
- 11\_4
- 11\_5
- 11\_6

11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 7.6:170

=====

11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6  
11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 7.8:171

=====

Testing substitution commands

=====

Test 8.1:172

=====

XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXXX  
XXXXX  
XXXXX

XXXXXX  
XXXXXX

=====  
Test 8.2:173

=====  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX

=====  
Test 8.3:174

=====  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX  
XXXXXX

=====  
Test 8.4:175

=====  
11\_1  
11\_2  
11\_3  
11\_4  
11\_5  
11\_6

11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====  
Test 8.5:176

=====  
11X1  
11X2  
11X3  
11X4  
11X5  
11X6  
11X7  
11X8  
11X9  
11X10  
11X11  
11X12  
11X13  
11X14

=====  
Test 8.6:177

=====  
(1)(1)(\_(1)  
(1)(1)(\_(2)  
(1)(1)(\_(3)  
(1)(1)(\_(4)  
(1)(1)(\_(5)  
(1)(1)(\_(6)  
(1)(1)(\_(7)  
(1)(1)(\_(8)  
(1)(1)(\_(9)  
(1)(1)(\_(1)(0)  
(1)(1)(\_(1)(1)  
(1)(1)(\_(1)(2)  
(1)(1)(\_(1)(3)  
(1)(1)(\_(1)(4)

=====  
Test 8.7:178

=====

(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)  
(&)(&)(&)(&)(&)

=====  
Test 8.8:179  
=====

x\_x1x11  
x\_x1x12  
x\_x1x13  
x\_x1x14  
x\_x1x15  
x\_x1x16  
x\_x1x17  
x\_x1x18  
x\_x1x19  
x\_x1x110  
x\_x1x111  
x\_x1x112  
x\_x1x113  
x\_x1x114

=====  
Test 8.9:180  
=====

11u0  
u1  
u21  
11u0  
u1  
u22  
11u0  
u1  
u23  
11u0  
u1  
u24



l1u0  
u1  
u25  
l1u0  
u1  
u26  
l1u0  
u1  
u27  
l1u0  
u1  
u28  
l1u0  
u1  
u29  
l1u0  
u1  
u210  
l1u0  
u1  
u211  
l1u0  
u1  
u212  
l1u0  
u1  
u213  
l1u0  
u1  
u214

=====

Test 8.10:181

=====

l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X  
l1\_X0  
l1\_X1  
l1\_X2  
l1\_X3  
l1\_X4

=====  
Test 8.11:182

=====

IX\_1

IX\_2

IX\_3

IX\_4

IX\_5

IX\_6

IX\_7

IX\_8

IX\_9

IX\_10

IX\_11

IX\_12

IX\_13

IX\_14

s wfile results

IX\_1

IX\_2

IX\_3

IX\_4

IX\_5

IX\_6

IX\_7

IX\_8

IX\_9

IX\_10

IX\_11

IX\_12

IX\_13

IX\_14

=====  
Test 8.12:183

=====

IX\_X

IX\_X

IX\_X

IX\_4

IX\_5

IX\_6

IX\_7

IX\_8

IX\_9

IX\_X0

IX\_XX

IX\_XX

IX\_XX

IX\_X4

=====

Test 8.13:184

=====

18\_8

18\_7

18\_6

18\_5

18\_4

18\_3

18\_2

18\_1

18\_0

18\_89

18\_88

18\_87

18\_86

18\_85

=====

Test 8.14:185

=====

18\_8

18\_7

18\_6

18\_5

18\_4

18\_3

18\_2

18\_1

18\_0

18\_89

18\_88

18\_87

18\_86

18\_85

=====

Test 8.15:186

=====

11\_1X11\_2

11\_3

11\_4

11\_5

11\_6

11\_7  
11\_8  
11\_9  
11\_10  
11\_11  
11\_12  
11\_13  
11\_14

=====

Test 8.16:187

=====

eeefff  
Xeefff  
XYefff  
XYeYff  
XYeYYf  
XYeYYY  
XYeYYY

=====

Test 8.17:188

=====

&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&  
&&&&&  
&&&&&  
&&&&&  
&&&&&  
&&&&&

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## 1.408 setools 3.3.8 :1.1.e17

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## 1.412 sg3\_utils 1.37 :12.el7

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It was downloaded from <URL:http://sg.danny.cz/sg/>

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## 1.415 shared-mime-info 1.8 :3.el7

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# 1.417 slang 2.2.4 :11.e17

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# 1.427 stunnel 4.56 :6.e17

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```

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## 1.428 sudo 1.8.19p2 :10.e17

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Ackeret, Matt  
Adler, Mark  
Allbery, Russ  
Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piet  
Brown, Jerry

Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
ek, Vtzslav  
Coleman, Chris  
Corzine, Deven T.  
Cusack, Frank  
Dai, Wei  
Dill, David  
Earickson, Jeff  
Eckhardt, Drew  
Edgington, Ben  
Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
Farrell, Brian  
Fobes, Steve  
Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
Gerraty, Simon J.  
Graber, Stephane  
Guillory, B.  
Hayman, Randy M.  
Henke, Joachim  
Hideaki, YOSHIFUJI  
Hieb, Dave  
Holloway, Nick  
Hoover, Adam  
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Hutchings, Ben  
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Jackson, John R.  
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Jepeway, Chris  
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KIKUCHI, Ayamura  
Kadow, Kevin  
Kasal, Stepan  
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King, Dale  
King, Michael  
Klyachkin, Andrey  
Knoble, Jim  
Knox, Tim  
Komarnitsky, Alek O.  
Kondrashov, Nikolai  
Kopeek, Daniel  
Kranenburg, Paul  
Krause, David  
Lakin, Eric  
Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.  
McIntyre, Jason  
MacKenzie, David J.  
McLaughlin, Tom  
Makey, Jeff  
Marchionna, Michael D.  
Markham, Paul  
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Meskes, Michael  
Michael, David  
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Minier, Loc  
Moffat, Darren  
Moldung, Jan Thomas  
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Mueller, Andreas  
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Nikitser, Peter A.  
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Paradis, Chantal  
Percival, Ted  
Perera, Andres  
Peron, Christian S.J.  
Peschel, Aaron  
Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
de Raadt, Theo  
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Reid, Steve  
Richards, Matt  
Rossum, Guido van  
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Rowe, William A., Jr.  
Roy, Alain  
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Ryabinkin, Eygene  
SATO, Yuichi  
Snchez, Wilfredo  
Saucier, Jean-Francois  
Schoenfeld, Patrick  
Schuring, Arno  
Schwarze, Ingo  
Scott, Dougal  
Sieger, Nick  
Simon, Thor Lancelot  
Slemko, Marc  
Smith, Andy  
Sobrado, Igor  
Soulen, Steven  
Spangler, Aaron  
Spradling, Cloyce D.  
Stier, Matthew  
Stoeckmann, Tobias  
Street, Russell  
Stritzky, Tilo  
Stroucken, Michael  
Tarrall, Robert  
Thomas, Matthew  
Todd, Giles  
Toft, Martin  
Torek, Chris  
Tucker, Darren  
Uhl, Robert  
Uzel, Petr  
Valery, Reznic  
Van Dinter, Theo  
Venckus, Martynas  
de Vries, Maarten  
Wagner, Klaus  
Walsh, Dan  
Warburton, John  
Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary

Wood, David  
Zacarias, Gustavo  
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blttermann, Mario  
Bogusz, Jakub  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez, Francisco  
Ferreira, Rafael  
Garca-Fontes, Walter  
Gezer, Volkan  
Hamasaki, Takeshi  
Hamming, Peter  
Hansen, Joe  
Hantrais, Frdric  
Hein, Jochen  
Hufthammer, Karl Ove  
Jerovek, Damir  
Karvonen, Jorma  
Kazik, Duan  
Kelemen, Gbor  
Koir, Klemen  
Kozlov, Yuri  
Kramer, Jakob  
Krznar, Tomislav  
Marchal, Frdric  
Margeviius, Algimantas  
Maryanov, Pavel  
Nikoli, Miroslav  
Nylander, Daniel  
Psa, Petr  
Qun, Trn Ngc  
Regueiro, Leandro  
Sarar, zgr  
Sendn, Abel  
Sikrom, ka  
Spingos, Dimitris  
Taniguchi, Yasuaki  
Uranga, Mikel Olasagasti  
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The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>.

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# 1.433 tar 1.26 :32.e17

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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 sgtyb.
* This is usually the case for SYSV systems, where
* BSD uses sgtyb. 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 *****/

#endif /* _h_config */

```

## 1.438 texinfo 5.1 :4.e17

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Version 3, 29 June 2007

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## 1.442 traceroute 2.0.22 :2.e17

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Ty Coon, President of Vice

That's all there is to it!

## 1.448 unzip 6.0-16.el7.x86\_64

### 1.448.1 Available under license :

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---

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

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

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-----

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---

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

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available

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

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others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

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

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- \* MoreFiles
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- \* A collection of File Manager and related routines
- \*
- \* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
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- \* Basic encoding and decoding of Macintosh files to the
- \* MacBinary III spec.
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- \* problems understanding this can contact me through Zip-Bugs...

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

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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

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(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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DAMAGE.

Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

\_\_ts\_dev\_\_: 10 MB, 10485760 bytes, 20480 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x00000001

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

-----

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

\_\_ts\_dev\_\_: 10 MB, 10485760 bytes, 20480 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x00000001

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

|             |  |      |      |      |    |       |
|-------------|--|------|------|------|----|-------|
| __ts_dev__1 |  | 2048 | 4095 | 1024 | 83 | Linux |
|-------------|--|------|------|------|----|-------|

-----

Create 2st primary partition

1bebf87248e05d6e4e62b749da65d023 bsd.img

Set 2nd partition type

2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout-----

\_\_ts\_dev\_\_: 10 MB, 10485760 bytes, 20480 sectors

Units = sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk label type: dos

Disk identifier: 0x00000001

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

|             |  |      |      |      |    |       |
|-------------|--|------|------|------|----|-------|
| __ts_dev__1 |  | 2048 | 4095 | 1024 | 83 | Linux |
|-------------|--|------|------|------|----|-------|

|             |  |      |       |      |    |         |
|-------------|--|------|-------|------|----|---------|
| __ts_dev__2 |  | 4096 | 20479 | 8192 | a5 | FreeBSD |
|-------------|--|------|-------|------|----|---------|

-----

Create default BSD

2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

4 partitions:

| #  | start | end   | size  | fstype | [fsize | bsize | cpg] |
|----|-------|-------|-------|--------|--------|-------|------|
| c: | 4096  | 20479 | 16384 | unused | 0      | 0     |      |
| d: | 0     | 16064 | 16065 | unused | 0      | 0     |      |

BSD disklabel command (m for help):

Command (m for help):

-----

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

4 partitions:

| #  | start | end   | size  | fstype | [fsize | bsize | cpg] |
|----|-------|-------|-------|--------|--------|-------|------|
| a: | 4096  | 6144  | 2049  | 4.2BSD | 0      | 0     | 0    |
| c: | 4096  | 20479 | 16384 | unused | 0      | 0     |      |
| d: | 0     | 16064 | 16065 | unused | 0      | 0     |      |

BSD disklabel command (m for help):

Command (m for help):

-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

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

BSD disklabel command (m for help):



size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0

---

```
#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)
#!/bin/bash
#
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#
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*/
```

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- \* Symbolic Systems Resources Group of the Knowledge Systems Laboratory
- \* at Stanford University in 1987-88, and was funded by the
- \* Biomedical Research Technology Program of the National Institutes of
- \* Health under grant number RR-00785.

## 1.454 vim 7.4.160 :2.eI7

### 1.454.1 Available under license :

/\*

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\*

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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\*[\^# ]\+\s\+[\^#"] ]~rs=e-1

contains=psfUnquotString,psfComment end=~\$~ keepend oneline

syn region psfAttQuotString matchgroup=psfAttrib start=~^\s\*[\^# ]\+\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\*\(ancestor\|applied\_patches\|applied\_to\|contents\|corequisites\|exquisites\|prerequisites\|software\_spec\|supersedes\|superseded\_by\)\s\+" contains=psfObjTag,psfAttAbbrev,psfComment end="\$" keepend

syn region psfAttTags matchgroup=psfAttrib start="^\s\*all\_filesets\s\+" contains=psfObjTags,psfComment end="\$"

keepend

syn region psfAttNumber matchgroup=psfAttrib

start="^\s\*\(compressed\_size\|instance\_id\|media\_sequence\_number\|sequence\_number\|size\)\s\+"

contains=psfNumber,psfComment end="\$" keepend oneline

syn region psfAttTime matchgroup=psfAttrib start="^\s\*\(create\_time\|ctime\|mod\_time\|mtime\|timestamp\)\s\+"

contains=psfNumber,psfComment end="\$" keepend oneline

syn region psfAttFloat matchgroup=psfAttrib start="^\s\*\(data\_model\_revision\|layout\_version\)\s\+"

contains=psfFloat,psfComment end="\$" keepend oneline

syn region psfAttLongDate matchgroup=psfAttrib start="^\s\*install\_date\s\+" contains=psfLongDate,psfComment

end="\$" keepend oneline

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

keepend oneline



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

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

```
syn match psfComment "#.*$"
```

```
" Define the default highlighting.
```

```
" For version 5.7 and earlier: only when not done already
```

```
" For version 5.8 and later: only when an item doesn't have highlighting yet
```

```
if version >= 508 || !exists("did_psf_syntax_inits")
```

```
if version < 508
```

```
 let did_psf_syntax_inits = 1
```

```
 command -nargs=+ HiLink hi link <args>
```

```
else
```

```
 command -nargs=+ HiLink hi def link <args>
```

```
endif
```

```
HiLink psfObject Statement
```

```
HiLink psfAttrib Type
```

```
HiLink psfQuotString String
```

```
HiLink psfObjTag Identifier
```

```
HiLink psfAttAbbrev PreProc
```

```
HiLink psfObjTags Identifier
```

```
HiLink psfComment Comment
```

```
delcommand HiLink
```

```
endif
```

```
" Long descriptions and copyrights confuse the syntax highlighting, so
```

```
" force vim to backup at least 100 lines before the top visible line
```

```
" looking for a sync location.
```

```
syn sync lines=100
```

```
let b:current_syntax = "psf"
```

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

VIM REFERENCE MANUAL by Bram Moolenaar

```
uganda *Uganda* *copying* *copyright* *license*
```

```
SUMMARY
```

```
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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I) There are no restrictions on distributing unmodified copies of Vim except that they must include this license text. You can also distribute unmodified parts of Vim, likewise unrestricted except that they must include this license text. You are also allowed to include executables that you made from the unmodified Vim sources, plus your own usage examples and Vim scripts.

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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.

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- 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.
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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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<maintainer@vim.org>

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. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are

on the ICCF web site.

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

The address of the centre is:

Kibaale Children's Centre  
p.o. box 1658  
Masaka, Uganda, East Africa

Sending money: \*iccf-donations\*

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

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.

For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in

Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.

Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.

Kibaale Children's Fund c/o Pacific Academy

10238-168 Street

Surrey, B.C. V4N 1Z4

Canada

Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.

This will allow for tax deduction if you live in Holland.

Postbank, nr. 4548774

IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.

Check the ICCF web site for the latest information:

<http://iccf-holland.org/germany.html>

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

country, mostly from the post office. Use this name (which is

in my passport): "Abraham Moolenaar". Use Euro for the

currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:

[https://www.paypal.com/en\\_US/mrb/pal=XAC62PML3GF8Q](https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q)

The e-mail address for sending the money to is:

Bram@iccf-holland.org

For amounts above 400 Euro (\$500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774

Swift code: INGB NL 2A

IBAN: NL95 INGB 0004 5487 74

under the name "stichting ICCF Holland", Lisse

If that doesn't work:

Rabobank Lisse, account 3765.05.117

Swift code: RABO NL 2U

under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:

Bram Moolenaar

Finsterruetihof 1

8134 Adliswil

Switzerland

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

vim:tw=78:ts=8:ft=help:norl:

# 1.455 which 2.20

## 1.455.1 Available under license :

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of



protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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

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

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

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The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding

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The Corresponding Source for a work in source code form is that same work.

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## References

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=====

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```
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```

```
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```
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```

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```

```
/* Getopt for GNU.
```

```
NOTE: getopt is now part of the C library, so if you don't know what
"Keep this file name-space clean" means, talk to drepper@gnu.org
before changing it!
```

```
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# 1.468 yum 3.4.3 :154.el7.centos

## 1.468.1 Available under license :

```
diff --git a/yum/update_md.py b/yum/update_md.py
--- a/yum/update_md.py 2015-01-19 07:44:35.567107008 -0500
+++ b/yum/update_md.py 2015-01-19 08:57:31.576489424 -0500
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
 except Errors.RepoMDError:
 continue # No metadata found for this repo

+ self.arch_storage = ArchStorage()
+ self.archlist = self.arch_storage.archlist
+
 def get_notices(self, name=None):
 """ Return all notices. """
 if name is None:
@@ -434,16 +438,29 @@ class UpdateMetadata(object):
 name = oldpkg tup[0]
 arch = oldpkg tup[1]
 ret = []
+
+ other_arch_list = []
+ notices = set()
 for notice in self.get_notices(name):
 for upkg in notice['pkglist']:
 for pkg in upkg['packages']:
```

```

+ other_arch = False
+ if pkg['name'] != name or pkg['arch'] != arch:
- continue
+ if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):
+ other_arch = True
+ else:
+ continue
+ pkg tup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
+ pkg['version'], pkg['release'])
+ if _rpm_tup_vercmp(pkg tup, oldpkg tup) <= 0:
+ continue
- ret.append((pkg tup, notice))
+ if other_arch:
+ other_arch_list.append((pkg tup, notice))
+ else:
+ ret.append((pkg tup, notice))
+ notices.add(notice)
+ for pkg tup, notice in other_arch_list:
+ if notice not in notices:
+ ret.append((pkg tup, 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.py.old 2015-05-28 19:23:35.589691937 +0200
+++ yum-3.4.3/yum/update_md.py 2015-05-28 19:24:05.971806965 +0200
@@ -33,6 +33,7 @@ import Errors
import logginglevels

```

```

import rpmUtils.miscutils
+from rpmUtils.arch import ArchStorage

```

```

def safe_iterparse(filename, logger=None):
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```

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```
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```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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```
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
+++ yum-3.4.3/yum/update_md.py 2017-01-24 18:55:57.213511475 +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._repo_id = repo_id
+ 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, '_repo_id') and un._repo_id is not None:
+ return un._repo_id
+ 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:\n')
+ msg %= other._md['update_id']
+ msg += '<<<<<<<<<< %s:%s\n' % (_rid(other), data)
+ msg += '%r\n=====\\n%r\n' % (other._md[data], self._md[data])
+ msg += '>>>>>>>>> %s:%s' % (_rid(self), data)
+ # --verbose mode enables this
+ self._vlogger.log(logginglevels.DEBUG_3, msg)
+
 if not other or not hasattr(other, '_md'):
 return False

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

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

```



```

+ _log_failure(data)
+ return False
+ if other._md[data] not in ('stable', 'testing'):
+ _log_failure(data)
+ return False
+ # They are both really "stable" ...
+ self._md[data] = 'stable'
@@ -574,7 +598,7 @@ class UpdateMetadata(object):
 for event, elem in safe_iterparse(infile, logger=self._logger):
 if elem.tag == 'update':
 try:
- un = UpdateNotice(elem)
+ un = UpdateNotice(elem, repoid, self._vlogger)
 except UpdateNoticeException, e:
 msg = _("An update notice%s is broken, skipping.") % _rid(repoid)
 if self._vlogger:
@@ -587,6 +611,8 @@ class UpdateMetadata(object):
 msg = _("Update notice %s%s is broken, or a bad duplicate, skipping.") % (un['update_id'],
 _rid(repoid))
 if not have_dup:
 msg += _("\nYou should report this problem to the owner of the %srepository.") % _rid(repoid, "%s ")
+ msg += _("\nIf you are the owner, consider re-running the same command with --verbose to see the "
+ 'exact data that caused the conflict.')
 have_dup = True
 if self._vlogger:
 self._vlogger.warn("%s", msg)

```

## 1.469 yum-metadata-parser 1.1.4 :10.el7

### 1.469.1 Available under license :

From RPM File Metadata:GPLv2

## 1.470 yum-utils 1.1.31 :42.el7

### 1.470.1 Available under license :

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Version 2, June 1991

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```

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```
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```

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```
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```

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## 1.471 zip 3.0 :11.e17



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