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  - 1.529.1 Available under license
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  - 1.531.1 Available under license
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  - 1.534.1 Available under license
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  - 1.535.1 Available under license
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- 1.647 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0**
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Files: TAO/TAO\_IDL/\*

TAO/orbsvcs/IFR\_Service/drv\_\*\_ifr.\*

TAO/\*/be\_produce.cpp

TAO/\*/be\_extern.h

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TAO/tao/DynamicInterface/ExceptionList.h

TAO/tao/DynamicInterface/Request.h

TAO/tao/DynamicInterface/Server\_Request.h

TAO/tao/default\_ports.h

TAO/tao/Stub.h

TAO/tao/corba.h

TAO/tao/GIOP\_Message\_Base.h

TAO/tao/Stub.cpp

TAO/tao/Object.h

TAO/tao/TAO\_Server\_Request.h

TAO/tao/CDR.h  
TAO/tao/orbconf.h  
TAO/tao/AnyTypeCode/Marshal.cpp  
TAO/tao/AnyTypeCode/append.cpp  
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File: acl\_create\_entry.c

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Andreas Gruenbacher <a.gruenbacher@bestbits.at>

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# This script emulates bsd install and also recognises  
# two environment variables, with the following semantics :-  
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Version 2.1, February 1999

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```

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```
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```

```
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Ty Coon, President of Vice
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Since May 20 2000, it is maintained by Roland Bauerschmidt  
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Since March 24 2004, it is maintained by Roland Bauerschmidt  
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alsa-lib

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## 1.8 **alsa-lib 1.0.22 :3.el6**

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```
/*
 * Latency test program
 *
 * Author: Jaroslav Kysela <perex@perex.cz>
 *
 * Author of bandpass filter sweep effect:
 * Maarten de Boer <mdeboer@iua.upf.es>
 *
 * This small demo program can be used for measuring latency between
 * capture and playback. This latency is measured from driver (diff when
 * playback and capture was started). Scheduler is set to SCHED_RR.
 *
 *
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## 1.9 **alsa-lib\_v2 1.0.22 :3.el6**

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```
/*
 * Latency test program
 *
 * Author: Jaroslav Kysela <perex@perex.cz>
 *
 * Author of bandpass filter sweep effect:
 * Maarten de Boer <mdeboer@iua.upf.es>
 *
 * This small demo program can be used for measuring latency between
 * capture and playback. This latency is measured from driver (diff when
 * playback and capture was started). Scheduler is set to SCHED_RR.
 *
```

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

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

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```
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# upgrade options within the specific distribution of the selected  
# package

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## 1.36 atftp 0.7.dfsg-6

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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'.  
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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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## 1.38 atk 1.28.0 :2.e16

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## 1.39 atk1.0 1.30.0-1

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```

```
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```

## 1.47 avahi 0.6.31-2

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```

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```

```
set -e
```

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

```
# We have the BSD ifconfig tool
```

```
case "$1" in
BIND)
    ifconfig "$2" "$3"/16
    ;;
```

```
CONFLICT|STOP|UNBIND)
    ifconfig "$2" "$3"/16 delete
    ;;
```

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

```
exit 0
```

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

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

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

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

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## 1.48 avahi 0.6.25 :11.e16

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## 1.52 axis2 1.6.2

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```
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```

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```
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```

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```
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at assemblers) written by James Hacker.
```

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

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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

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

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

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

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

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

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

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(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

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

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## 1.55 base-passwd 3.5.22

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From mikel@ora.com Tue Aug 1 12:13:20 1995

Flags: 10

Return-Path: mikel@ora.com

Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP

(8.6.12+cwru/CWRU-2.1-ins)

id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)

Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995 12:07:51 -0400

Received: by los.ora.com (4.1/Spike-2.1)

id AA00672; Tue, 1 Aug 95 08:57:32 EDT

Date: Tue, 1 Aug 95 08:57:32 EDT

From: mikel@ora.com (Michael Loukides)

Message-Id: <9508011257.AA00672@los.ora.com>

Subject: Re: Ksh debugger from Rosenblatt's book [for bash]

To: Chet Ramey <chet@odin.INS.CWRU.Edu>

Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com

In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

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

That's great!

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

-----

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

Flags: 10

Return-Path: friedman@cli.com

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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. :-)

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school, if any, to sign a "copyright disclaimer" for the library, if  
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<signature of Ty Coon>, 1 April 1990  
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That's all there is to it!

## 1.60 bcprov-jdk15 1.43

## 1.61 bind 9.8.2 :0.30.rc1.el6\_6.2

### 1.61.1 Available under license :

```
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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>
    Permission to use, copy, modify, and/or distribute this software for any
    purpose with or without fee is hereby granted, provided that the above
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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:for-each>
    </xsl:with-param>
  </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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\* `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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## 1.62 bind 9.8.2 :0.23.rc1.el6\_5.1

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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

# 1.63 bind9 1:9.8.4.dfsg.P1-6+nmu2+deb7u1

## 1.63.1 Available under license :

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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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\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were  
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3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`:

These files were derived from the file\_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

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```
=====
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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:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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    purpose with or without fee is hereby granted, provided that the above
    copyright notice and this permission notice appear in all copies.

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    FROM
    LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE
    OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
    PERFORMANCE OF THIS SOFTWARE.
  </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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## 1.64 binutils 2.20.51.0.2 :5.28.el6

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

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

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

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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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gliu Exp $
* $Revision: 1.3 $
* $Date: 2007/02/01 10:22:35 $
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</HEAD>
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## 1.66 boost 1.55.0

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## 1.67 bridge-utils 1.4-5

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Then the package has been maintained by Charles Briscoe-Smith <cpbs@debian.org>. I gathered data for the 1999-2001 calendar files from various sources on the Internet, and I'd also like to thank Oliver Elphick, Julian Gilbey, Daniel Martin and Jaldhar H. Vyas for providing much useful data on the various religious calendars. I have edited the files they provided to fit calendar's requirements, so any errors should be attributed to me.

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/\*

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Version 3, 29 June 2007

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jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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From gsf@research.att.com Wed Mar 1 20:30:54 2006

Return-Path: <gsf@research.att.com>

X-Original-To: mps@bridge.intra

Delivered-To: mps@bridge.intra

Received: from localhost (localhost [127.0.0.1])

by localhost (Postfix) with ESMTP id B8C814E4F

for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:53 +0100 (CET)

Received: from mail.bridge.intra ([127.0.0.1])

by localhost (lnx.bridge.intra [127.0.0.1]) (amavisd-new, port 10024)

with LMTP id 05987-03 for <mps@bridge.intra>;

Wed, 1 Mar 2006 20:30:42 +0100 (CET)  
Received: from pop.gmx.net (localhost [127.0.0.1])  
by mail.bridge.intra (Postfix) with ESMTP id C8C73794D  
for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:38 +0100 (CET)  
X-Flags: 0000  
Delivered-To: GMX delivery to ps.m@gmx.net  
Received: (qmail invoked by alias); 01 Mar 2006 19:23:46 -0000  
Received: from mail-red.research.att.com (EHLO mail-white.research.att.com) [192.20.225.110]  
by mx0.gmx.net (mx085) with SMTP; 01 Mar 2006 20:23:46 +0100  
Received: from raptor.research.att.com (raptor.research.att.com [135.207.23.32])  
by mail-blue.research.att.com (Postfix) with ESMTP id B7929147CBB  
for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)  
Received: (from gsf@localhost)  
by raptor.research.att.com (SGI-8.9.3p2/8.8.7) id OAA86112  
for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)  
Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)  
From: Glenn Fowler <gsf@research.att.com>  
Message-Id: <200603011923.OAA86112@raptor.research.att.com>  
Organization: AT&T Research  
X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>  
To: mps@bridge.intra  
Subject: Re: testregex licensing question  
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)  
X-GMX-Antispam: 0 (Mail was not recognized as spam)  
X-GMX-UID: lJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca  
X-Virus-Scanned: by amavisd-new at localhost  
Status: RO  
X-Status:  
X-Keywords:  
X-UID: 44736

you may include it directly  
retain the testregex.c header comment  
it uses a very free license to maximize distribution  
you can copy that .c comment to any test data files you use  
using # comment style to be complete

let me know how it works with your libc  
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:  
> Hello Glenn!

> I would want to add testregex.c and the related \*.dat files to the uClibc  
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any  
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite  
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net> ID: 0xA5F059F2  
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2

## 1.72 bzip2 1.0.5 :7.el6\_0

### 1.72.1 Available under license :

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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## 1.73 bzip2 1.0.5-6+squeeze1

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

-----  
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The original tarball was downloaded from  
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For more information about bzip2, please visit:  
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Author:  
Julian Seward <[jseward@acm.org](mailto:jseward@acm.org)>

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

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```

## 1.77 cairo 1.8.8 :3.1.e16

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## 1.79 cglib-nodep 2.1\_3

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```

```
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## 1.84 clisp 1:2.48-3

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```

```
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id <AA25733@mole.gnu.ai.mit.edu>; Sun, 18 Oct 92 18:59:05 -0400

Date: Sun, 18 Oct 92 18:59:05 -0400

From: rms@gnu.ai.mit.edu (Richard Stallman)

Message-Id: <9210182259.AA25733@mole.gnu.ai.mit.edu>

To: haible@ma2s2.mathematik.uni-karlsruhe.de

Subject: Common Lisp and Readline

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I hate to have to play this role with a fellow hacker, but...

If you don't change to using the GPL, then you'll have to stop using readline. Readline's terms say that the whole program has to be under the GPL, and just having the user do the link doesn't change this. If the program is designed to run with readline as a part, then readline is a part of it.

An ordinary user can decide to link readline with a program and run it. That's different--this user is not doing distribution, and thus the GPL does not restrict what he can do.

From haible Fri Oct 30 18:54:38 1992  
Return-Path: <haible>  
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA28745; Fri, 30 Oct 92 18:54:37 +0100  
Date: Fri, 30 Oct 92 18:54:37 +0100  
From: haible (Bruno Haible)  
Message-Id: <9210301754.AA28745@ma2s2.mathematik.uni-karlsruhe.de>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu  
Subject: Re: Common Lisp and Readline  
Status: RO

> I hate to have to play this role with a fellow hacker, but...

I'm sorry too, as I am very indebted to the GNU project.

> Readline's terms say that the whole program has to be under  
> the GPL, and just having the user do the link doesn't change this.

I don't agree. My lisp.a is not a "work based on libreadline.a". What I distribute is a "mere aggregation" of lisp.a and libreadline.a - the latter with source.

> If the program is designed to run with readline as a part, then readline  
> is a part of it.

I could provide a libnreadline.a and let the user choose to link lisp.a with either GNU's libreadline.a or my libnreadline.a . Would that convince you that lisp.a "can be reasonably considered independent and separate work" ?

Bruno Haible

From rms@gnu.ai.mit.edu Fri Oct 30 22:19:16 1992  
Return-Path: <rms@gnu.ai.mit.edu>  
Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA28939; Fri, 30 Oct 92 22:19:14 +0100  
Received: by mole.gnu.ai.mit.edu (5.65/4.0)



id <AA04907@mole.gnu.ai.mit.edu>; Fri, 30 Oct 92 16:09:54 -0500  
Date: Fri, 30 Oct 92 16:09:54 -0500  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9210302109.AA04907@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
In-Reply-To: <9210301754.AA28745@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)  
Subject: Common Lisp and Readline  
Status: RO

> Readline's terms say that the whole program has to be under  
> the GPL, and just having the user do the link doesn't change this.

I don't agree. My lisp.a is not a "work based on libreadline.a". What I distribute is a "mere aggregation" of lisp.a and libreadline.a - the latter with source.

I could provide a libnreadline.a and let the user choose to link lisp.a with either GNU's libreadline.a or my libnreadline.a . Would that convince you that lisp.a "can be reasonably considered independent and separate work" ?

No, and I doubt it would convince a judge either.

I'll have to insist that you stop using readline unless you make the program free.

From haible Sat Oct 31 01:08:00 1992  
Return-Path: <haible>  
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA29062; Sat, 31 Oct 92 01:08:00 +0100  
Date: Sat, 31 Oct 92 01:08:00 +0100  
From: haible (Bruno Haible)  
Message-Id: <9210310008.AA29062@ma2s2.mathematik.uni-karlsruhe.de>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu  
Subject: Re: Common Lisp and Readline  
Status: RO

> I'll have to insist that you stop using readline unless you make the  
> program free.

I built a libnreadline.a that can be linked together with lisp.a, replacing libreadline.a .

I will reorganize the distribution into 2 independent parts:

- \* clisp.lzh containing lisp.a and libnreadline.a,
- \* readline.tar.Z containing libreadline.a and its source.

The first one is enough to build a CLISP executable. It contains no GNU parts.

> I doubt it would convince a judge either.

The only thing CLISP will have to do with the readline library is that \*THE USER\* \*MAY OPTIONALLY\* link CLISP with the readline library.

No judge will admit that this gives you the right to determine the copyright of CLISP.

>From your own words:

> An ordinary user can decide to link readline with a program and run  
> it. That's different--this user is not doing distribution, and thus  
> the GPL does not restrict what he can do.

If you still insist on me being wrong, then please tell me what part of the GNU GPL I am breaking. Or update the GNU GPL.

Bruno Haible

From haible Sat Oct 31 01:08:26 1992

Return-Path: <haible>

Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA29068; Sat, 31 Oct 92 01:08:25 +0100

Date: Sat, 31 Oct 92 01:08:25 +0100

From: haible (Bruno Haible)

Message-Id: <9210310008.AA29068@ma2s2.mathematik.uni-karlsruhe.de>

To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu

Subject: Readline & GPL

Status: RO

If someone was to turn the readline library into a shared library (a library that is needed at runtime by the executable, but not contained in the executable):

Would that mean that any executable that uses a readline shared lib would have to be accompanied with full source? Or would it, in the contrary, mean that such an executable may use the readline lib without "containing" it and without being affected by such copyright issues?

Bruno Haible

From rms@gnu.ai.mit.edu Sat Oct 31 01:11:59 1992

Return-Path: <rms@gnu.ai.mit.edu>

Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA29075; Sat, 31 Oct 92 01:11:56 +0100  
Received: by mole.gnu.ai.mit.edu (5.65/4.0)  
id <AA06772@mole.gnu.ai.mit.edu>; Fri, 30 Oct 92 19:02:38 -0500  
Date: Fri, 30 Oct 92 19:02:38 -0500  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9210310002.AA06772@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
In-Reply-To: <9210310008.AA29068@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)  
Subject: Readline & GPL  
Status: RO

If someone was to turn the readline library into a shared library  
(a library that is needed at runtime by the executable, but not  
contained in the executable):  
Would that mean that any executable that uses a readline  
shared lib would have to be accompanied with full source?

Yes.

From rms@gnu.ai.mit.edu Sat Oct 31 01:29:01 1992  
Return-Path: <rms@gnu.ai.mit.edu>  
Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA29083; Sat, 31 Oct 92 01:28:59 +0100  
Received: by mole.gnu.ai.mit.edu (5.65/4.0)  
id <AA06922@mole.gnu.ai.mit.edu>; Fri, 30 Oct 92 19:19:36 -0500  
Date: Fri, 30 Oct 92 19:19:36 -0500  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9210310019.AA06922@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
In-Reply-To: <9210310008.AA29062@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)  
Subject: Common Lisp and Readline  
Status: RO

I built a libnoreadline.a that can be linked together with lisp.a,  
replacing libreadline.a .

I will reorganize the distribution into 2 independent parts:  
\* clisp.lzh containing lisp.a and libnoreadline.a,  
\* readline.tar.Z containing libreadline.a and its source.

The first one is enough to build a CLISP executable. It contains  
no GNU parts.

True. If that were the whole situation--if readline did not exist--  
then I would have no grounds to object.

However, the sum total of what you are doing is still tantamount to distributing one program which contains readline but is not under the GPL.

This is a problem I cannot ignore. If you can get away with this then any company can get away with it. The result would be to negate for practical purposes the GPL's requirement that improvements be free. And that would deprive GNU software of a major source of improvements.

Is that what you want?

From rms@gnu.ai.mit.edu Fri Nov 6 11:02:40 1992  
Return-Path: <rms@gnu.ai.mit.edu>  
Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0) id AA13962; Fri, 6 Nov 92 11:02:36 +0100  
Received: by mole.gnu.ai.mit.edu (5.65/4.0) id <AA09628@mole.gnu.ai.mit.edu>; Fri, 6 Nov 92 04:52:01 -0500  
Date: Fri, 6 Nov 92 04:52:01 -0500  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9211060952.AA09628@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
In-Reply-To: <9210310008.AA29062@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)  
Subject: Common Lisp and Readline  
Status: RO

If you do succeed in circumventing the GPL for readline, you would be blazing a path for every commercial company that wants to do it. Would you really like that result?

Wouldn't it be best to eliminate this dispute by using the GPL for Common Lisp? Totally aside from readline, the Lisp system would be more useful that way. For example, maybe it could be a useful part of GNU.

From haible Fri Nov 6 16:13:07 1992  
Return-Path: <haible>  
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0) id AA14116; Fri, 6 Nov 92 16:13:06 +0100  
Date: Fri, 6 Nov 92 16:13:06 +0100  
From: haible (Bruno Haible)  
Message-Id: <9211061513.AA14116@ma2s2.mathematik.uni-karlsruhe.de>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu  
Subject: Common Lisp, Readline and GPL

Status: RO

- > I will reorganize the distribution into 2 independent parts:
- > \* clisp.lzh containing lisp.a and libnreadline.a,
- > \* readline.tar.Z containing libreadline.a and its source.
- >
- > The first one is enough to build a CLISP executable. It contains
- > no GNU parts.
- >
- > However, the sum total of what you are doing is still tantamount to
- > distributing one program which contains readline but is not under the
- > GPL.

Not totally. The sum of what I AND THE USER are doing is tantamount to building a program which contains readline but is not under the GPL.

But

- \* the user isn't distributing anything,
- \* I am not responsible for the user's deeds,
- \* I am not distributing "one program", so GPL doesn't apply to me either.

- > If that were the whole situation--if readline did not exist--
- > then I would have no grounds to object.

So the only reason why you may object is that my lisp.a has an INTERFACE that allows it to be linked to libreadline.a . As far as I know, only the readline CODE is copyrighted, not its INTERFACE. (Would you object because my libnreadline.a has a similar interface?)

- > This is a problem I cannot ignore. If you can get away with this then
- > any company can get away with it.
- > ...
- > And that would deprive GNU software of a major source of improvements.
- > Is that what you want?

No, of course! But I would like to see the problem analyzed in depth.

Problem 1: If someone (like me) lets the user do the final link phase.

Problem 2: If the final link phase is done by the OS automatically at run time (shared libraries).

You should update GPL for these cases.

- > If you do succeed in circumventing the GPL for readline, you would be
- > blazing a path for every commercial company that wants to do it.

But the problems remain there even if I put CLISP under GPL.

From haible Fri Nov 6 16:13:19 1992

Return-Path: <haible>

Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA14123; Fri, 6 Nov 92 16:13:18 +0100

Date: Fri, 6 Nov 92 16:13:18 +0100

From: haible (Bruno Haible)

Message-Id: <9211061513.AA14123@ma2s2.mathematik.uni-karlsruhe.de>

To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu

Subject: Common Lisp, Readline and GPL

Status: RO

- > Wouldn't it be best to eliminate this dispute by using the GPL for
- > Common Lisp?

Would be best for me, true.

- > Totally aside from readline, the Lisp system would be
- > more useful that way.

This and the following are convincing me:

- \* Up to 1991 the decision whether using GPL or not, was simply a matter of philosophy or copyright policy.  
The success of Linux, however, demonstrates how a speed and quality of development was achieved which would have been impossible without access for everyone to the source of everything.
- \* Finding co-developers for other Lisp packages or testers for other hardware/OS platforms might be easier if I release full source.

So be prepared to seeing CLISP's source before Christmas.

Yours,

B. Haible

From rms@gnu.ai.mit.edu Fri Nov 6 21:31:33 1992

Return-Path: <rms@gnu.ai.mit.edu>

Received: from mole.gnu.ai.mit.edu ([128.52.46.33]) by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA15204; Fri, 6 Nov 92 21:31:28 +0100

Received: by mole.gnu.ai.mit.edu (5.65/4.0)

id <AA10933@mole.gnu.ai.mit.edu>; Fri, 6 Nov 92 15:20:48 -0500

Date: Fri, 6 Nov 92 15:20:48 -0500  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9211062020.AA10933@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
Cc: rms@gnu.ai.mit.edu  
In-Reply-To: <9211061513.AA14116@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)  
Subject: Common Lisp, Readline and GPL  
Status: RO

- \* the user isn't distributing anything,
- \* I am not responsible for the user's deeds,
- \* I am not distributing "one program", so GPL doesn't apply to me either.

The FSF position would be that this is still one program, which has only been disguised as two. The reason it is still one program is that the one part clearly shows the intention for incorporation of the other part.

I say this based on discussions I had with our lawyer long ago. The issue first arose when NeXT proposed to distribute a modified GCC in two parts and let the user link them. Jobs asked me whether this was lawful. It seemed to me at the time that it was, following reasoning like what you are using; but since the result was very undesirable for free software, I said I would have to ask the lawyer.

What the lawyer said surprised me; he said that judges would consider such schemes to be "subterfuges" and would be very harsh toward them. He said a judge would ask whether it is "really" one program, rather than how it is labeled.

So I went back to Jobs and said we believed his plan was not allowed by the GPL.

The direct result of this is that we now have an Objective C front end. They had wanted to distribute the Objective C parser as a separate proprietary package to link with the GCC back end, but since I didn't agree this was allowed, they made it free.

So I don't think the GPL actually requires a correction for this. But perhaps it would be a good idea to add a note explaining this.

From haible Sun Nov 8 16:31:52 1992  
Return-Path: <haible>  
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)

id AA18675; Sun, 8 Nov 92 16:31:51 +0100  
Date: Sun, 8 Nov 92 16:31:51 +0100  
From: haible (Bruno Haible)  
Message-Id: <9211081531.AA18675@ma2s2.mathematik.uni-karlsruhe.de>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de, rms@gnu.ai.mit.edu  
Subject: Re: Common Lisp, Readline and GPL  
Status: RO

Thanks you for the explanation of the lawyers' point of view.

> What the lawyer said surprised me; he said that judges would consider  
> such schemes to be "subterfuges" and would be very harsh toward  
> them. He said a judge would ask whether it is "really" one program,  
> rather than how it is labeled.

I accept this.

> They had wanted to distribute the Objective C parser as a  
> separate proprietary package to link with the GCC back end, but since  
> I didn't agree this was allowed, they made it free.

The situation for CLISP is a bit different: CLISP was running without the  
readline library for over one year before I began using readline() in  
September 1992. That was also the reason why I was able to build a drop-in  
replacement (libnreadline.a) within only one hour.

The readline library is not an essential or integral part of CLISP - it makes  
the user interface nicer, and that's all.

From rms@gnu.ai.mit.edu Mon Oct 11 18:57:43 1993  
Return-Path: <rms@gnu.ai.mit.edu>  
Received: from mole.gnu.ai.mit.edu by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA06403; Mon, 11 Oct 93 18:57:38 +0100  
Received: by mole.gnu.ai.mit.edu (5.65/4.0)  
id <AA09632@mole.gnu.ai.mit.edu>; Mon, 11 Oct 93 13:56:03 -0400  
Date: Mon, 11 Oct 93 13:56:03 -0400  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9310111756.AA09632@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
In-Reply-To: <9310111623.AA06248@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-  
karlsruhe.de)  
Subject: Re: compiling with gcc without linking with libgcc.a  
Status: RO

But libgmp.a should remain under GPL.



I'm interested in hearing why you think so.  
Someone else is arguing that it should be under the LGPL;  
I haven't made up my mind yet.

From haible Tue Oct 12 13:28:37 1993  
Return-Path: <haible>  
Received: by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA07494; Tue, 12 Oct 93 13:28:36 +0100  
Date: Tue, 12 Oct 93 13:28:36 +0100  
From: haible (Bruno Haible)  
Message-Id: <9310121228.AA07494@ma2s2.mathematik.uni-karlsruhe.de>  
To: rms@gnu.ai.mit.edu  
Subject: Re: libgmp.a  
Status: RO

> But libgmp.a should remain under GPL.  
> I'm interested in hearing why you think so.

Because one can build a multi-precision calculator (like `bc') as a wrapper  
to libgmp.a. Capability of handling arbitrary size numbers is still an  
essential advantage (and marketing issue) for computer algebra systems and  
Lisp implementations.

I had to put CLISP under GPL because libreadline.a was something I wanted  
to use and I didn't want to write myself. libgmp.a is similar in this  
respect, and it may therefore help putting some new packages under GPL.

Building libgmp.a was just too hard work. Other people shouldn't get it for  
free.

Bruno Haible

From rms@gnu.ai.mit.edu Tue Oct 12 18:28:27 1993  
Return-Path: <rms@gnu.ai.mit.edu>  
Received: from mole.gnu.ai.mit.edu by ma2s2.mathematik.uni-karlsruhe.de (4.1/SMI-4.0)  
id AA08120; Tue, 12 Oct 93 18:28:25 +0100  
Received: by mole.gnu.ai.mit.edu (5.65/4.0)  
id <AA14488@mole.gnu.ai.mit.edu>; Tue, 12 Oct 93 13:26:57 -0400  
Date: Tue, 12 Oct 93 13:26:57 -0400  
From: rms@gnu.ai.mit.edu (Richard Stallman)  
Message-Id: <9310121726.AA14488@mole.gnu.ai.mit.edu>  
To: haible@ma2s2.mathematik.uni-karlsruhe.de  
In-Reply-To: <9310121228.AA07494@ma2s2.mathematik.uni-karlsruhe.de> (haible@ma2s2.mathematik.uni-karlsruhe.de)  
Subject: Re: libgmp.a  
Status: RO

Thanks for reminding me about this example.

I agree it is a strong argument.

This package was originally debianized by Kevin Dalley <kevind@rahul.net>  
on Thu, 22 May 1997 23:51:34 -0700.

This package was redone from scratch by Matt Zimmerman  
<mdz@debian.org> on Sat, 11 Aug 2001 20:01:12 -0400.

It was downloaded from clisp.sourceforge.net

Copyright:

On Debian GNU/Linux systems, the complete text of the GNU General  
Public License can be found in `~/usr/share/common-licenses/GPL-2`.

A complete copy of the COPYRIGHT file from the original source distribution  
follows here:

Hey Emacs! -\*- coding: utf-8 -\*-

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Summary:

This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License version 2 as  
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Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Note:

This copyright does NOT cover user programs that run in CLISP and  
third-party packages not part of CLISP, if

- a) They only reference external symbols in CLISP's public packages  
that define API also provided by many other Common Lisp implementations  
(namely the packages COMMON-LISP, COMMON-LISP-USER, KEYWORD, CLOS,  
GRAY, EXT), i.e. if they don't rely on CLISP internals and would as  
well run in any other Common Lisp implementation. Or

b) They only reference external symbols in CLISP's public packages that define API also provided by many other Common Lisp implementations (namely the packages COMMON-LISP, COMMON-LISP-USER, KEYWORD, CLOS, GRAY, EXT) and some external, not CLISP specific, symbols in third-party packages that are released with source code under a GPL compatible license and that run in a great number of Common Lisp implementations, i.e. if they rely on CLISP internals only to the extent needed for gaining some functionality also available in a great number of Common Lisp implementations.

Such user programs are not covered by the term "derived work" used in the GNU GPL. Neither is their compiled code, i.e. the result of compiling them by use of the function COMPILE-FILE. We refer to such user programs as "independent work".

You may copy and distribute memory image files generated by the function SAVEINITMEM, if it was generated only from CLISP and independent work, and provided that you accompany them, in the sense of section 3 of the GNU GPL, with the source code of CLISP - precisely the same CLISP version that was used to build the memory image -, the source or compiled code of the user programs needed to rebuild the memory image (source code for all the parts that are not independent work, see above), and a precise description how to rebuild the memory image from these.

Foreign non-Lisp code that is linked with CLISP or loaded into CLISP through dynamic linking is not exempted from this copyright. I.e. such code, when distributed for use with CLISP, must be distributed under the GPL.

Authors:

Generic CLISP: Bruno Haible, Michael Stoll  
Atari version: Bruno Haible, Michael Stoll  
Amiga version: Bruno Haible, Jrg Hhle  
Acorn version: Bruno Haible, Peter Burwood  
DOS version: Bruno Haible, Bernhard Degel, Jrgen Weber  
OS/2 version: Bruno Haible  
Unix version: Bruno Haible  
Multithreading: Vladimir Tzankov

Maintenance:

Bruno Haible, Michael Stoll 1992-1993  
Bruno Haible, Marcus Daniels 1994-1997  
Bruno Haible, Pierpaolo Bernardi, Sam Steingold 1998  
Bruno Haible, Sam Steingold 1999-2001  
Sam Steingold 2002-2009

Email addresses (September 1992 or newer):

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Version 3, 29 June 2007

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## 1.85 common-lisp-controller 7.6

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## 1.86 Commons BeanUtils 1.8.2

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Version 2.0, January 2004

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22:59:43 jkeyes Exp $
 * $Revision: 1.3 $
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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8x13B.bdf 8x13Bc.bdf 8x13.bdf 8x13c.bdf 8x13-IL2.bdf 8x13O.bdf  
9x15B.bdf 9x15Bc.bdf 9x15.bdf 9x15c.bdf 9x15B-IL2.bdf 9x15-IL2.bdf  
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100dpi-courR10-IL2.bdf 75dpi-courB12.bdf 75dpi-courB12c.bdf  
75dpi-courB12-IL2.bdf 75dpi-courB14.bdf 75dpi-courB14c.bdf  
75dpi-courB14-IL2.bdf 75dpi-courR12.bdf 75dpi-courR12c.bdf  
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100dpi-lutBS08-IL2.bdf 100dpi-lutBS12-IL2.bdf  
100dpi-lutBS14-IL2.bdf 100dpi-lutBS14.bdf 100dpi-lutBS19-IL2.bdf  
100dpi-lutRS10.bdf 100dpi-lutRS10-IL2.bdf 100dpi-lutRS08.bdf  
100dpi-lutRS08-IL2.bdf 100dpi-lutRS14-IL2.bdf 100dpi-lutRS14.bdf  
100dpi-lutRS19-IL2.bdf 75dpi-lutBS12.bdf 75dpi-lutBS12c.bdf  
75dpi-lutBS12-IL2.bdf 75dpi-lutBS14.bdf 75dpi-lutBS14c.bdf  
75dpi-lutBS14-IL2.bdf 75dpi-lutRS12.bdf 75dpi-lutRS12c.bdf  
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## 1.107 coreutils 8.4

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Version 3, 29 June 2007

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## 1.108 coreutils 8.5-1

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This is the Debian GNU/Linux packaged version of the GNU core  
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This package is maintained by Michael Stone <[mstone@debian.org](mailto:mstone@debian.org)> and  
built from sources obtained from:  
<ftp://ftp.gnu.org/gnu/coreutils/coreutils-6.10.tar.gz>

This debian package was first put together by Michael Stone  
<[mstone@debian.org](mailto:mstone@debian.org)>, from coreutils 4.5.1.

#### Changes:

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

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lib/fts.c

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lib/rand-isaac.[ch]

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lib/inet\_ntop.c

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m4/autobuild.m4

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doc/coreutils.texi (The GNU Coreutils Manual)

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## 1.111 cpp 4:4.4.5-1

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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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## 1.113 cpuspeed 1.5 :15.el6

### 1.113.1 Available under license :

/\*

\$Id: cpuspeed.cc 7 2007-02-06 01:20:52Z carl \$

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cpuspeed.cc

Author:

Carl Thompson <cet@carlthompson.net>

Contributors:

Enrico Tassi <tassi@cs.unibo.it>

This program is only for computers with Linux kernels compiled with CPUFreq. You must have a CPU that supports frequency and/or voltage scaling via CPUFreq to use this program. Your kernel must be compiled to support the "userspace" CPUFreq governor and the "sysfs" interface used by Linux 2.6.

CPUSpeed no longer supports the "proc" interface used by Linux 2.4. If you need this please use version 1.2.x.

I use this program on my Dell and HP laptops and netbooks to increase battery life and control performance.

\*/

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```

```
<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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```

```
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This package is an updated/modernized distribution of CrackLib as previously release by Alec Muffett. Pretty much all of the files have

been modified in some way to allow for this modernization and to apply numerous bug fixes and patches.

Copyright in the original source is assigned to Alec Muffett, numerous authors have contributed the patches applied to these sources, and are included here without attribution as there are no good records.

The primary reason for the updated release was to apply bug fixes and get them distributed from some central place instead of trying to get all of the various repackagers to apply additional packages.

BUILD/INSTALL NOTE: You must 'make dict', preferably after getting a large wordlist, after install. Otherwise it will not install the dictionaries. This is left as a manual step since on some systems generating the dictionary index can be time consuming.

=====  
Original CrackLib 2.7 README  
=====

CrackLib: A ProActive Password Sanity Library

By: Alec Muffett

Address: alecm@crypto.dircon.co.uk

Date: Sun Dec 14 22:16:48 GMT 1997

- This software is not my fault in any way, nor indeed anybody's -

\*\*\* What is CrackLib \*\*\*

CrackLib is a library containing a C function (well, lots of functions really, but you only need to use one of them) which may be used in a "passwd"-like program.

The idea is simple: try to prevent users from choosing passwords that could be guessed by "Crack" by filtering them out, at source.

CrackLib is an offshoot of the the version 5 "Crack" software, and contains a considerable number of ideas nicked from the new software.

At the time of writing, Crack 5 is incomplete (still awaiting purchase of my home box) - but I though I could share this with you.

[ Incidentally, if Dell or anyone would like to "donate" a Linuxable 486DX2-66MHz box (EISA/16Mb RAM/640MB HD/AHA1740) as a development platform for Crack, I'd be more than grateful to hear from you. 8-) ]

NOTE THIS WELL: CrackLib is NOT a replacement "passwd" program. CrackLib is a LIBRARY. CrackLib is what trendy marketdroid types would probably call an "enabler".

The idea is that you wire it into your own "passwd" program (if you have source); alternatively, you wire it into something like "shadow" from off of the net. You can use it in other things, too.

You can use it almost everywhere.

\*\*\* Advantages of CrackLib \*\*\*

1) it WORKS!

I wrote something similar ("goodpass") a few years back, which went out with Crack v3.x.

Goodpass was slow and buggy and I think it was used (at least in part) in "npasswd". Hopefully, CrackLib will supplant "goodpass" entirely.

2) it's FAST!

CrackLib finds potential passwords quickly, by using an index file to access dictionary words, and by keeping a table to assist binary searching.

3) it's SMALL!

CrackLib's dictionary is modified-DAWG compressed with a chunksize of 16 words (see Crack v5.0 docs (when it comes out) for details) - and then the index file is built, with one entry per chunk.

The upshot of all this is that CrackLib can do indexed, binary searches in a 1.4 million word dictionary (raw size ~ 15Mb), but the CrackLib files (data+index+watermarks) occupy only ~ 7Mb. (45% original size)

It's even efficient over NFS !

4) it's MIND-NUMBINGLY THOROUGH!

(is this beginning to read like a B-movie flyer, or what?)

CrackLib makes literally hundreds of tests to determine whether you've chosen a bad password.

- \* It tries to generate words from your username and gecons entry to tries to match them against what you've chosen.

- \* It checks for simplistic patterns.

- \* It then tries to reverse-engineer your password into a dictionary word, and searches for it in your dictionary.

- after all that, it's PROBABLY a safe(-ish) password. 8-)

\*\*\* Instructions for building CrackLib...

STEP 0) Engage your brain.

I'm interested in improving the CrackLib software, doing bugfixes, "guessing technique" improvements, and portability enhancements.

I'm NOT interested in unhelpful comments like "well, \_my\_ operating system doesn't come with a dictionary". If it doesn't, either complain to your vendor, or GO AND GET a dictionary off the net.

CrackLib is NOT a TOOL. It is not a complete package. It is not something you can utilise directly.

It is a resource, an aid, something to enhance the functionality of other software. You need to (either) write OR modify other software to use it. If you can't do this, then you shouldn't be wasting your time with it.

Regarding bugs and portability problems: please try to work them out for yourself, and then (please) TELL me about them. This will help me improve future versions.

STEP 1) Edit the Makefile to set your preferred value of DICTPATH

This is the directory+filename-prefix that your version of CrackLib will go hunting for, and it must be visible to all programs on all hosts that use CrackLib

Hence, if you want to use a CrackLib binary on a distributed network, these files are probably best placed on an NFS server.

Note: You have to specify a FILENAME PREFIX too, eg:

```
DICTPATH=/usr/local/lib/pw_dict
```

which will generate:

```
/usr/local/lib/pw_dict.pwd  
/usr/local/lib/pw_dict.pwi  
/usr/local/lib/pw_dict.hwm
```

which are the files that CrackLib needs.

These files are NOT byte-order independent, in fact they are probably ARCHITECTURE SPECIFIC, mostly due to speed constraints. If this is a problem, I suggest you use:

```
DICTPATH=/usr/local/lib/pw_dict.sun4  
DICTPATH=/usr/local/lib/pw_dict.i386  
DICTPATH=/usr/local/lib/pw_dict.cray
```

...etc, and build several sets of files, as appropriate.

(Hackers Note: Strictly, only \*.pwi and \*.hwm should be architecture dependent; however, if you build two dictionaries on two different platforms, you MAY wind up with different \*.pwd files too, due to incompatibilities in the std Unix utilities, or from using different SOURCEDICTs.

I may try to work this out in the next release. In the mean time, if your \*.pwd files are EXACTLY identical (use "cmp" to test), you can delete the multiple copies and use softlinks instead.)

STEP 2) Add to the SOURCEDICT variable, any files containing extra words that you wish CrackLib to use. CrackLib merges all of these files together, removes redundant characters, and compresses them. Generally, the output file is 40..60% the size of all the input files, combined.

NOTE: THE DEFAULT VALUE OF "SOURCEDICT" CONTAINS "/usr/dict/words" - this is a file which can be found on many BSD-type Unix systems, containing a list of words, one per line, suitable for use with "cracklib". If you do not have such a file, refer to STEP 0.

STEP 3) do:



% make all

then do:

% make install

which will build the CrackLib dictionary in \$DICTPATH.

\*\*\* NOTE THIS WELL \*\*\*

If you supply massive amounts of text to CrackLib to use a dictionary, you must have enough free space available for use by the "sort" command, when the dictionary is built.

So: If you do not have (say) about 20Mb free in /usr/tmp (or whatever temporary area your "sort" command uses), have a look at the "util/mkdict" script.

You can usually tweak the "sort" command to use any large area of disk you desire, by use of the "-T" option, and "mkdict" has a hook for this.

STEP 4) Wire a call to "FascistCheck()" into your "passwd" program

- Left as an exercise for the reader.

\*\*\* Example of how to invoke CrackLib

Insert a call to the routine FascistCheck, which is defined thusly:

NAME

FascistCheck - check a potential password for guessability

SYNOPSIS

char \*FascistCheck(char \*pw, char \*dictpath);

DESCRIPTION

FascistCheck() takes 2 arguments:

pw - a string containing the users chosen "potential password"

dictpath - the full path name + filename prefix of the CrackLib dictionary, specified in the installation Makefile. (If you still haven't sussed, I'm talking about DICTPATH).

## RETURN VALUE

FascistCheck() returns the NULL pointer for a good password, or a pointer to a diagnostic string if it is a bad password.

## BUGS

- it can't catch everything. Just most things.
- it calls getpwuid(getuid()) to look up the user, this MAY affect poorly written programs
- using more than one pw\_dict file, eg:

```
char *msg;
if (msg = FascistCheck(pw, "onepath") ||
    msg = FascistCheck(pw, "anotherpath"))
{
    printf("Bad Password: because %s\n", msg);
}
```

...works, but it's a kludge. AVOID IT IF POSSIBLE.  
Using just the one dictionary is more efficient, anyway.

- PWOpen() routines should cope with having more than 1 dictionary open at a time. I'll fix this RSN.

## WORKED EXAMPLE

---- modified extract from BSD distribution - "local\_passwd.c" ----

```
#ifndef CRACKLIB_DICTPATH /* if possible, get from the same Makefile as CrackLib */
#define CRACKLIB_DICTPATH "/usr/local/lib/pw_dict"
#endif /* see examples on how to import DICTPATH into CRACKLIB_DICTPATH */
...
...
...
for (buf[0] = '\0', tries = 0;;) {
    p = getpass("New password:");
    if (!*p) {
        (void)printf("Password unchanged.\n");
        pw_error(NULL, 0, 0);
    }
}
```

```

}

#ifdef CRACKLIB_DICTPATH
if (strlen(p) <= 5 && (uid != 0 || ++tries < 2)) {
(void)printf("Please enter a longer password.\n");
continue;
}
for (t = p; *t && islower(*t); ++t);
if (!*t && (uid != 0 || ++tries < 2)) {
(void)printf("Please don't use an all-lower case password.\nUnusual capitalization, control characters or digits are
suggested.\n");
continue;
}
#else
{
char *msg;
if (msg = (char *) FascistCheck(pwbuf, CRACKLIB_DICTPATH)) {
printf("Please use a different password.\n");
printf("The one you have chosen is unsuitable because %s.\n", msg);
continue; /* go round and round until they get it right */
}
}
#endif /* CRACKLIB_DICTPATH */

(void)strcpy(buf, p);
if (!strcmp(buf, getpass("Retype new password:")))
break;
(void)printf("Mismatch; try again, EOF to quit.\n");
}
---- end of extract ----

```

## 1.115 cracklib\_scripts 2.8.16 :4.e16

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# */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

## 1.117 cronie 1.4.4 :7.e16

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\*  
\* @(#)bitstring.h 8.1 (Berkeley) 7/19/93  
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## 1.118 cronie\_anacron 1.4.4 :7.el6

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## 1.119 cryptsetup-luks 1.2.0 :6.el6

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/\*

\* \$Id: CounterImpl.java,v 1.3 2008/03/26 02:17:24 sdanig Exp \$

\*

\* CSS Parser Project

\*

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\*

```
* To contact the authors of the library:  
*  
* http://cssparser.sourceforge.net/  
* mailto:davidsch@users.sourceforge.net  
*/
```

```
package com.steadystate.css.dom;
```

```
import java.io.Serializable;
```

```
import org.w3c.dom.DOMException;  
import org.w3c.dom.css.Counter;
```

```
import org.w3c.css.sac.LexicalUnit;
```

```
/**
```

```
 * Implementation of { @link Counter}.
```

```
 *
```

```
 * @author <a href="mailto:davidsch@users.sourceforge.net">David Schweinsberg</a>
```

```
 * @version $Id: CounterImpl.java,v 1.3 2008/03/26 02:17:24 sdanig Exp $
```

```
 */
```

```
public class CounterImpl implements Counter, Serializable {
```

```
    private static final long serialVersionUID = 7996279151817598904L;
```

```
    private String identifier;
```

```
    private String listStyle;
```

```
    private String separator;
```

```
    public void setIdentifier(String identifier)
```

```
    {
```

```
        this.identifier = identifier;
```

```
    }
```

```
    public void setListStyle(String listStyle)
```

```
    {
```

```
        this.listStyle = listStyle;
```

```
    }
```

```
    public void setSeparator(String separator)
```

```
    {
```

```
        this.separator = separator;
```

```
    }
```

```
    /** Creates new CounterImpl */
```

```
    public CounterImpl(boolean separatorSpecified, LexicalUnit lu)
```

```
        throws DOMException
```



```

{
    LexicalUnit next = lu;
    this.identifier = next.getStringValue();
    next = next.getNextLexicalUnit(); // ','
    if (next != null)
    {
        if (next.getLexicalUnitType() != LexicalUnit.SAC_OPERATOR_COMMA)
        {
            // error
            throw new DOMException(DOMException.SYNTAX_ERR,
                "Counter parameters must be separated by ','.");
        }
        next = next.getNextLexicalUnit();
        if (separatorSpecified && (next != null)) {
            this.separator = next.getStringValue();
            next = next.getNextLexicalUnit(); // ','
            if (next != null)
            {
                if (next.getLexicalUnitType() != LexicalUnit.SAC_OPERATOR_COMMA)
                {
                    // error
                    throw new DOMException(DOMException.SYNTAX_ERR,
                        "Counter parameters must be separated by ','.");
                }
                next = next.getNextLexicalUnit();
            }
        }
        if (next != null) {
            this.listStyle = next.getStringValue();
            if ((next = next.getNextLexicalUnit()) != null)
            {
                // error
                throw new DOMException(DOMException.SYNTAX_ERR,
                    "Too many parameters for counter function.");
            }
        }
    }
}

public CounterImpl()
{
}

public String getIdentifier() {
    return this.identifier;
}

```

```

public String getListStyle() {
    return this.listStyle;
}

public String getSeparator() {
    return this.separator;
}

public String toString() {
    StringBuilder sb = new StringBuilder();
    if (this.separator == null) {
        // This is a 'counter()' function
        sb.append("counter()");
    } else {
        // This is a 'counters()' function
        sb.append("counters()");
    }
    sb.append(this.identifier);
    if (this.separator != null) {
        sb.append(", ").append(this.separator).append("\n");
    }
    if (this.listStyle != null) {
        sb.append(", ").append(this.listStyle);
    }
    sb.append("\n");
    return sb.toString();
}
}

```

## 1.121 csv2xml 1.0.1

### 1.121.1 Available under license :

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Version 1.0

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

```
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```

```
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```
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under certain conditions; type `show c' for details.
```

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```
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```

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

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Upstream-Contact: Michael Sweet <[msweet@apple.com](mailto:msweet@apple.com)>

Source: <ftp://ftp.easysw.com/pub/cups/>

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#!/bin/sh

# postinst script for cups

#

# see: dh\_installdeb(1)

set -e

# summary of how this script can be called:

```

# * <postinst> `configure' <most-recently-configured-version>
# * <old-postinst> `abort-upgrade' <new version>
# * <conflictor's-postinst> `abort-remove' `in-favour' <package>
#   <new-version>
# * <deconfigured's-postinst> `abort-deconfigure' `in-favour'
#   <failed-install-package> <version> `removing'
#   <conflicting-package> <version>
# for details, see /usr/doc/packaging-manual/
#
# quoting from the policy:
# Any necessary prompting should almost always be confined to the
# post-installation script, and should be protected with a conditional
# so that unnecessary prompting doesn't happen if a package's
# installation fails and the `postinst' is called with `abort-upgrade',
# `abort-remove' or `abort-deconfigure'.

# Debconf
./usr/share/debconf/confmodule

case "$1" in
    configure)

        # Set documentation symlinks
        if [ -d /usr/share/doc/cups ]; then
            if [ ! -e /usr/share/doc/cups-bsd ]; then
                ln -sf cups-common /usr/share/doc/cups-bsd
            fi
        fi

        # Add cups-lpd to inetd.conf
        db_get cups-bsd/setuplpd
        if [ "$RET" = "true" ]; then
            update-inetd --add 'printer stream tcp nowait lp /usr/lib/cups/daemon/cups-lpd cups-lpd'
        fi
        ;;

        abort-upgrade|abort-remove|abort-deconfigure)
            ;;

        *)
            echo "postinst called with unknown argument \"$1\"">>&2
            exit 0
            ;;
    esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

```

```

#DEBHELPER#

exit 0
#!/bin/sh
# prerm script for cups-bsd
#
# see: dh_installdeb(1)

set -e

# summary of how this script can be called:
# * <prerm> `remove'
# * <old-prerm> `upgrade' <new-version>
# * <new-prerm> `failed-upgrade' <old-version>
# * <conflictor's-prerm> `remove' `in-favour' <package> <new-version>
# * <deconfigured's-prerm> `deconfigure' `in-favour'
#   <package-being-installed> <version> `removing'
#   <conflicting-package> <version>
# for details, see /usr/doc/packaging-manual/

if [ -L /etc/printcap ]; then
    rm -f /etc/printcap
fi

case "$1" in
    remove|upgrade|deconfigure)
        # Remove documentation links
        rm -rf /usr/share/doc/cups-bsd

        # Disable inetd entry
        update-inetd --pattern cups-lpd --disable printer
        ;;
    failed-upgrade)
        ;;
    *)
        echo "prerm called with unknown argument \"$1\" ">&2
        exit 0
        ;;
esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

#DEBHELPER#

exit 0

```

```

usr/sbin/lpc
usr/bin/lpq
usr/bin/lpr
usr/bin/lprm
usr/share/man/man1/lpr.1.gz
usr/share/man/*/man1/lpr.1.gz
usr/share/man/man1/lprm.1.gz
usr/share/man/*/man1/lprm.1.gz
usr/share/man/man1/lpq.1.gz
usr/share/man/*/man1/lpq.1.gz
usr/share/man/man8/cups-lpd.8.gz
usr/share/man/*/man8/cups-lpd.8.gz
usr/share/man/man8/lpc.8.gz
usr/share/man/*/man8/lpc.8.gz
#!/bin/sh
# preinst script for cups-bsd
#
# see: dh_installdeb(1)

set -e

# summary of how this script can be called:
# * <new-preinst> `install'
# * <new-preinst> `install' <old-version>
# * <new-preinst> `upgrade' <old-version>
# * <old-preinst> `abort-upgrade' <new-version>

case "$1" in
    install)
        ;;

    upgrade)
        if [ ! -L /usr/share/doc/cups-bsd ]; then
            rm -rf /usr/share/doc/cups-bsd
        fi
        ;;

    abort-upgrade)
        ;;

    *)
        echo "preinst called with unknown argument \"$1\"">>&2
        exit 0
        ;;
esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

```



```

#DEBHELPER#

exit 0
#!/bin/sh
# postrm script for cups-bsd
#
# see: dh_installdeb(1)

set -e

# summary of how this script can be called:
# * <postrm> `remove'
# * <postrm> `purge'
# * <old-postrm> `upgrade' <new-version>
# * <new-postrm> `failed-upgrade' <old-version>
# * <new-postrm> `abort-install'
# * <new-postrm> `abort-install' <old-version>
# * <new-postrm> `abort-upgrade' <old-version>
# * <disappearer's-postrm> `disappear' <r>overwrit<r> <new-version>
# for details, see /usr/doc/packaging-manual/

case "$1" in
  purge)
    # Remove inetd entry
    update-inetd --pattern cups-lpd --remove printer 2>/dev/null || true

    ;;

  remove|upgrade|failed-upgrade|abort-install|abort-upgrade|disappear)

    ;;

  *)
    echo "postrm called with unknown argument \"$1\" ">&2
    exit 0

esac

# dh_installdeb will replace this with shell code automatically
# generated by other debhelper scripts.

#DEBHELPER#
# These templates have been reviewed by debian-110n-english
# Please do not modify them without asking for a review

Template: cups-bsd/setuplpd
Type: boolean

```

Default: false

\_Description: Do you want to set up the BSD lpd compatibility server?

The CUPS package contains a server that can accept BSD-style print jobs and submit them to CUPS. It should only be set up if other computers are likely to submit jobs over the network via the "BSD" or "LPR" services, and these computers cannot be converted to use the IPP protocol that CUPS uses.

```
#!/bin/sh
```

```
set -e
```

```
# Debconf library
```

```
./usr/share/debconf/confmodule
```

```
db_input medium cups-bsd/setuplpd || true
```

```
db_go
```

## 1.124 cups 1.4.2 :50.el6\_4.4

### 1.124.1 Available under license :

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1 Infinite Loop

Cupertino, CA 95014 USA

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

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```
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```

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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:

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

That's all there is to it!

# 1.125 curl 7.18.2-8lenny4

## 1.125.1 Available under license :

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License Mixing with apps, libcurl and Third Party Libraries

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libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that GPL[1]-licensed code is not allowed to be linked with code licensed under the Original BSD license (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an exception[2]. This particular problem was addressed when the Modified BSD license was created, which does not have the announcement clause that collides with GPL.

libcurl <http://curl.haxx.se/docs/copyright.html>

Uses an MIT (or Modified BSD)-style license that is as liberal as possible. Some of the source files that deal with KRB4 have Original BSD-style announce-clause licenses. You may not distribute binaries with krb4-enabled libcurl that also link with GPL-licensed code!

OpenSSL <http://www.openssl.org/source/license.html>

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using GnuTLS or yassl instead.

GnuTLS <http://www.gnutls.org/>

(May be used for SSL/TLS support) Uses the LGPL[3] license. If this is a problem for you, consider using OpenSSL instead. Also note that

GnuTLS itself depends on and uses other libs (libcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

yassl <http://www.yassl.com/>

(May be used for SSL/TLS support) Uses the GPL[1] license. If this is a problem for you, consider using OpenSSL or GnuTLS instead.

NSS <http://www.mozilla.org/projects/security/pki/nss/>

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axTLS <http://axtls.sourceforge.net/>

(May be used for SSL/TLS support) Uses a Modified BSD-style license.

c-ares <http://daniel.haxx.se/projects/c-ares/license.html>

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos <http://web.mit.edu/kerberos/www/dist/>

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

Heimdal <http://www.pdc.kth.se/heimdal/>

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.



GNU GSS <http://www.gnu.org/software/gss/>

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume that it uses the OpenSSL license and thus shares the same issues as described for OpenSSL above.

libidn <http://josefsson.org/libidn/>

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

OpenLDAP <http://www.openldap.org/software/release/license.html>

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

libssh2 <http://www.libssh2.org/>

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

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[2] = <http://www.fsf.org/licenses/gpl-faq.html#GPLIncompatibleLibs> details on how to write such an exception to the GPL

[3] = LGPL - GNU Lesser General Public License:

<http://www.gnu.org/licenses/lgpl.html>

[4] = MPL - Mozilla Public License:

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: curl

Source: <http://curl.haxx.se>

Files: \*

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# 1.126 curl 7.30.0

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zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos <http://web.mit.edu/kerberos/www/dist/>

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OpenLDAP <http://www.openldap.org/software/release/license.html>

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## 1.127 curl 7.19.7 :37.el6\_5.3

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(<http://www.sun.com/cddl/cddl.html>)

Sun JAXB Reference Implementation Tools (<https://jaxb.dev.java.net/jaxb-xjc>) com.sun.xml.bind:jaxb-xjc:jar:2.1.13:compile

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Sun SAAJ Reference Implementation com.sun.xml.messaging.saaj:saaj-impl:jar:1.3.2:compile

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JSR 311 API (<https://jsr311.dev.java.net/>) javax.ws.rs:jsr311-api:jar:1.0:compile

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Java Architecture for XML Binding (JAXB API) javax.xml.bind:jaxb-api:jar:2.1:compile

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Sun SAAJ API (<http://java.sun.com/webservices/saaj/index.jsp/saaj-api>) javax.xml.soap:saaj-api:jar:1.3:compile

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Jaxen (<http://jaxen.codehaus.org/jaxen>) jaxen:jaxen:jar:1.1.1:compile

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Bouncy Castle Provider (<http://www.bouncycastle.org/java.html>) org.bouncycastle:bcprov-jdk15:jar:1.43

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Jetty Server (<http://www.eclipse.org/jetty/jetty-parent/project/modules/jetty>) org.mortbay.jetty:jetty:jar:6.1.25

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Simple Logging Facade for Java - API (<http://www.slf4j.org/slf4j-api>) org.slf4j:slf4j-api:jar:1.6.1:compile

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Rhino (<http://www.mozilla.org/rhino/>) rhino:js:jar:1.7R1

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WSDL4J (<http://sf.net/projects/wsdl4j>) wsdl4j:wsdl4j:jar:1.6.2

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## 1.133 cxf-rt-bindings-xml 2.2.11

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# 1.135 cxf-rt-databinding-aegis 2.2.11

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# 1.136 cxf-rt-databinding-jaxb 2.2.11

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# 1.137 cxf-rt-frontend-jaxws 2.2.11

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Sun JAXB Reference Implementation Runtime (<https://jaxb.dev.java.net/jaxb-impl>) com.sun.xml.bind:jaxb-impl:jar:2.1.13:compile

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Sun JAXB Reference Implementation Tools (<https://jaxb.dev.java.net/jaxb-xjc>) com.sun.xml.bind:jaxb-xjc:jar:2.1.13:compile

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Sun SAAJ Reference Implementation com.sun.xml.messaging.saaj:saaj-impl:jar:1.3.2:compile

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JSR 311 API (<https://jsr311.dev.java.net/>) javax.ws.rs:jsr311-api:jar:1.0:compile

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Java Architecture for XML Binding (JAXB API) javax.xml.bind:jaxb-api:jar:2.1:compile

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Sun SAAJ API (<http://java.sun.com/webservices/saaj/index.jsp/saaj-api>) javax.xml.soap:saaj-api:jar:1.3:compile

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Jaxen (<http://jaxen.codehaus.org/jaxen>) jaxen:jaxen:jar:1.1.1:compile

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Bouncy Castle Provider (<http://www.bouncycastle.org/java.html>) org.bouncycastle:bcprov-jdk15:jar:1.43

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Jetty Server (<http://www.eclipse.org/jetty/jetty-parent/project/modules/jetty>) org.mortbay.jetty:jetty:jar:6.1.25

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Rhino (<http://www.mozilla.org/rhino/>) rhino:js:jar:1.7R1

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## 1.143 cxf-rt-ws-addr 2.2.11

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## 1.144 cxf-rt-ws-security 2.2.11

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# 1.145 cxf-tools-common 2.2.11

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# 1.146 cxf-tools-java2ws 2.2.11

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# 1.147 cxf-tools-validator 2.2.11

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Sun JAXB Reference Implementation Runtime (<https://jaxb.dev.java.net/jaxb-impl>) com.sun.xml.bind:jaxb-impl:jar:2.1.13:compile

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(<http://www.sun.com/cddl/cddl.html>)

Sun JAXB Reference Implementation Tools (<https://jaxb.dev.java.net/jaxb-xjc>) com.sun.xml.bind:jaxb-xjc:jar:2.1.13:compile

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Sun SAAJ Reference Implementation com.sun.xml.messaging.saaj:saaj-impl:jar:1.3.2:compile

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JSR 311 API (<https://jsr311.dev.java.net/>) javax.ws.rs:jsr311-api:jar:1.0:compile

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Java Architecture for XML Binding (JAXB API) javax.xml.bind:jaxb-api:jar:2.1:compile

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Sun SAAJ API (<http://java.sun.com/webservices/saaj/index.jsp/saaj-api>) javax.xml.soap:saaj-api:jar:1.3:compile

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Bouncy Castle Provider (<http://www.bouncycastle.org/java.html>) org.bouncycastle:bcprov-jdk15:jar:1.43

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Source: <ftp://ftp.andrew.cmu.edu/pub/cyrus-mail/>

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```

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

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## 1.165 dbus-python 0.83.0 :6.1.el6

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# Originally written by Per Bothner <per@bothner.com>.

# Please send patches to <config-patches@gnu.org>. Submit a context

# diff and a properly formatted ChangeLog entry.

#

# This script attempts to guess a canonical system name similar to

# config.sub. If it succeeds, it prints the system name on stdout, and

# exits with 0. Otherwise, it exits with 1.

#

# The plan is that this can be called by configure scripts if you

# don't specify an explicit build system type.

# 1.166 debconf 1.5.36.1

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Format: <http://dep.debian.net/deps/dep5/>

Source: native package

Files: \*

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### 2010.08.28+squeeze1

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That's all there is to it!

/\*

\* Part: Memory management framework. This framework is used to  
\* find any memory leak.

\*

\* Version: \$Id: memory.c,v 1.1.11 2005/03/01 01:22:13 acassen Exp \$

\*

\* Authors: Alexandre Cassen, <acassen@linux-vs.org>

\* Jan Holmberg, <jan@artech.net>

\*

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@c ispell-local-pdict: "ispell-dict"  
@c End:
```

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## 1.178 dom4j 1.6.1

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```
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```
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```

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Theodore Ts'o  
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It is part of the main e2fsprogs distribution, which can be found at:



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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:  
[tsx-11.mit.edu/pub/linux/packages/ext2fs/](http://tsx-11.mit.edu/pub/linux/packages/ext2fs/)

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Theodore Ts'o  
23-June-2007

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Ty Coon, President of Vice
```

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

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

That's all there is to it!

```
#!/bin/sh
```

```
find . -type f \! -name \*~ \! -exec grep -q Begin-Header \{\} \; -print \  
| grep -v ^./build  
#  
# 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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```

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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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## 1.187 e2fsprogs-lib 1.41.9



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## 1.188 e2fsprogs\_lgpl 1.41.12 :11.e16

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Theodore Ts'o  
23-June-2007

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## 1.190 ecj 3.5.1

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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 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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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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## 1.192 eglibc 2.13-38+deb7u1

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Version 2, June 1991

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# ltmain.sh - Provide generalized library-building support services.

# NOTE: Changing this file will not affect anything until you rerun configure.

#

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```
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This is free software, and you are welcome to redistribute it  
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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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# 1.214 fonts-arphic-uming 0.2.20080216.2-4

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(C) 1999  
11016811

0.  
PLPLBIG-5PLPLGBTTrueTypeglyph table

PLPublic License

1.  
ARPHICPL.TXT

2.  
glyph table

a)

b)

c)

3.

4.

5.

6.

7.

8.

10

dir

4340

[svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/zh\\_TW.utf-8](svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/zh_TW.utf-8)

<svn+ssh://svn.debian.org/svn/pkg-fonts>

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.txt  
file

2011-11-12T19:17:17.000000Z  
3b6d9e59a18f060ce8a85355e83b83a7  
2010-05-29T06:32:24.059815Z  
2544  
henrich  
has-props

5812

K 13

svn:mime-type

V 24

application/octet-stream

END

10

dir

4340

svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/gb

svn+ssh://svn.debian.org/svn/pkg-fonts

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.TXT

file

2011-11-12T19:17:17.000000Z

6b5996f38d448afee4cb57628af5e0d7

2010-05-29T06:32:24.059815Z

2544

henrich

has-props

3928

10

dir

4340

svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license

svn+ssh://svn.debian.org/svn/pkg-fonts

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

zh\_CN.utf-8

dir

big5

dir

gb

dir

english

dir

zh\_TW.utf-8

dir

10

dir

4340

<svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/english>

<svn+ssh://svn.debian.org/svn/pkg-fonts>

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.TXT

file

2011-11-12T19:17:17.000000Z  
4555ed88e9a72fc9562af379d07c3350  
2010-05-29T06:32:24.059815Z  
2544  
henrich

6901  
v

@v(C) 1999 }oq  
xW110x\_N16811  
DHUWwAOdvQC

HisvlATC

e

@@jhnvYz@MnCUApGzNPz@vQPzABTOLonAvSO\iyznC

k

0.@wq  
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@@uPLvYuPublic Licensev]v^C

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@@uzvYQvsBABrHC

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1.@s

@@pGbv]ARPHICPL.TXT^AziHCLsrC

2.@

@@pGHUAziHrA]ArBsXBBRWAbglyph tableW@rABWz@WwsC

@a)zbCLJnAzpFC

@b)z\THbvUAoHuvApzLwaIs|Abq`@nCWC

@c)pGLrbHROAzB}liJ@CLnA]AA@vnBLOn]LzOn^AHiHoArnABipvC

@@onDAL@CpG@iDirABiHXza{WO@AhzN@O@AvNAC]ANDrL@Mr@\_JJsCP@WA|L@JvAdC

3.@

@@DvWwA\_hzsBBAvrCLsBBAvrNANvPzvQaCLqzvoMvQHAunLAvQNC

4.@PN

@@]zqvAHSnCMASLPzsBBAvrvQApGzPNvAoOkTC]@sBBAvrANzv@MC

5.@ov

@@CzArAKqIvBooMsBrvCzibPvQj[LAz]STHvqC

6.@

@@Y]k]PMBHML]MQ^GAj[z]Ok|ROBL^MvA]zHivCpGzPvwqLqAzirCpApGMQv\qzoAbKvOpUArA@PnD  
kOKrC

@@pGbSwpULLkIALN~AA@ALpC

7.@LO

@@rYKOvAbk\dArNaOCDtA@vHLruPvOAYOtA]APMASwtOCr~M@MizCpGrX{Az@AB\_MOC

8.@l`vDv

@@DkWwHPNAbpUA@vHHWQ\oHsBArAz[r]]AN~AFBQqIF~^PBBMBMBSg@ltdAY@vHLHwli~C

10

dir

4340

svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/big5

svn+ssh://svn.debian.org/svn/pkg-fonts

2010-05-29T06:32:24.059815Z



2544  
henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.TXT  
file

2011-11-12T19:17:17.000000Z  
59a4ec9d64e5164f2217cdd2f636b3fc  
2010-05-29T06:32:24.059815Z  
2544  
henrich

3932  
10

dir

4340

svn+ssh://svn.debian.org/svn/pkg-fonts/packages/ttf-arphic-uming/trunk/license/zh\_CN.utf-8

svn+ssh://svn.debian.org/svn/pkg-fonts

2010-05-29T06:32:24.059815Z

2544

henrich

7376ef65-540e-0410-8a1a-a90064c4b4ec

ARPHICPL.txt

file

2011-11-12T19:17:17.000000Z

c39f5c96427c8be4a880a0d4b3b0959e

2010-05-29T06:32:24.059815Z

2544

henrich

has-props

5806

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on Thu, 1 May 2003 00:00:02 +0800

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Author/Designer:

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Upstream-Name: baekmuk

Upstream-Contact: <http://kldp.net/projects/baekmuk/>

Source: <http://kldp.net/projects/baekmuk/>

Files: \*

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Files: debian/\*

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Upstream Author: SIL International

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Name: un-fonts

Maintainer: Park, Won-kyu <wkpark@chem.skku.ac.kr>

Jungshik Shin <jshin@mailaps.org>

Source: <http://kldp.net/projects/unfonts>

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.1.4, March 11th, 2002

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

\*/

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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## 1.222 fuse 2.8.3 :4.e16

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## 1.223 gamin 0.1.10 :9.el6

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## 1.224 gawk 3.1.7 :6.el6

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Version 3, 29 June 2007

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#### 1. Source Code.

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```
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```
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```

```
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## 1.226 gcc-4.3 4.3.2-1.1

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Version 3, 29 June 2007

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## 1.227 gcc-4.4 4.4.7-2

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Version 3, 29 June 2007

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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'.  
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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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'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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To protect your rights, we need to make restrictions that forbid

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Thus, it is not the intent of this section to claim rights or contest

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#### Appendix: How to Apply These Terms to Your New Programs

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

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

```
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```

```
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```

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

```
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```

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

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

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

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

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

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

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

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

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

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

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- b) 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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#
# Calling this script install-sh is preferred over install.sh, to prevent
# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch. It can only install one file at a time, a restriction
# shared with many OS's install programs.
```

# 1.233 gdbm 1.8.3-3

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```
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```

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

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

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## 1.235 geoip 1.4.8+dfsg-3

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## 1.237 geronimo-stax-api\_1.0\_spec 1.0.1

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# 1.238 geronimo-ws-metadata\_2.0\_spec 1.1.2

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## 1.239 glib2.0 2.16.6-3

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This package was debianized by Akira TAGOH <tagoh@debian.org> on Thu, 7 Mar 2002 01:05:25 +0900.

It was downloaded from <<http://ftp.gnome.org/pub/GNOME/sources/glib/>>.

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@c Local Variables:

@c ispell-local-pdict: "ispell-dict"

@c End:

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```
% texinfo.tex -- TeX macros to handle Texinfo files.
```

```
%
```

```
% Load plain if necessary, i.e., if running under initex.
```

```
\expandafter\ifx\csname fmtname\endcsname\relax\input plain\fi
```

```
%
```

```
\def\texinfoversion{2007-09-03.05}
```

```
%
```

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```

```
%
```

```
% As a special exception, when this file is read by TeX when processing
```

```
% a Texinfo source document, you may use the result without
```

```
% restriction. (This has been our intent since Texinfo was invented.)
```

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% `tex foo.texi`  
% `tex foo.texi`  
% `dvips foo.dvi -o # or whatever; this makes foo.ps.`  
% The extra TeX runs get the cross-reference information correct.  
% Sometimes one run after texindex suffices, and sometimes you need more  
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%  
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## 1.241 glibc 2.12

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Version 3, 29 June 2007

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# 1.245 gnupg 1.4.10-4+squeeze1

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Version 3, 29 June 2007

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# 1.246 gnupg2 2.0.14 :4.e16

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Version 3, 29 June 2007

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Version 2.1, February 1999

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# 1.248 gnutls26 2.12.20 :2011-09-03 Andreas Metzler

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

Source: <http://www.gnupg.org/>

Files: \*

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## 1.250 gpm 1.20.4-3.3

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Version 3, 29 June 2007

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## 1.254 grep 2.6.3-3

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The primary ANTLR guy:

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/\*\*\*

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There are many others who have contributed patches; we thank them,  
GTK+ is much better because of them.

Over time, GTK+ has incorporated some pieces of software which  
started as independent projects. We list the original authors here:

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Dom Lachowicz

Pixbuf theme engine

-----

Owen Taylor

IME input method

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## 1.260 gtk2 2.18.9 :6.e16

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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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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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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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```
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```

```
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```

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## 1.268 hal\_GPL 0.5.14 :11.e16

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# 1.270 hibernate-commons-annotations 3.2.0

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 */
package org.hibernate.annotations.common.reflection.java.generics;

import java.lang.reflect.GenericArrayType;
import java.lang.reflect.ParameterizedType;
import java.lang.reflect.Type;
import java.lang.reflect.TypeVariable;
import java.lang.reflect.WildcardType;
import java.util.HashMap;

/**
 * Binds formal type arguments (typically T, E, etc.) to actual types.
 *
 * @author Davide Marchignoli
 * @author Paolo Perrotta
 */
class SimpleTypeEnvironment extends HashMap<Type, Type> implements TypeEnvironment {

    private static final long serialVersionUID = 1L;

    private final TypeSwitch<Type> substitute = new TypeSwitch<Type>() {
```

```

@Override
public Type caseClass(Class classType) {
    return classType;
}

@Override
public Type caseGenericType(GenericArrayType genericArrayType) {
    Type originalComponentType = genericArrayType.getGenericComponentType();
    Type boundComponentType = bind( originalComponentType );
    // try to keep the original type if possible
    if ( originalComponentType == boundComponentType ) {
        return genericArrayType;
    }
    return TypeFactory.createArrayType( boundComponentType );
}

@Override
public Type caseParameterizedType(ParameterizedType parameterizedType) {
    Type[] originalArguments = parameterizedType.getActualTypeArguments();
    Type[] boundArguments = substitute( originalArguments );
    // try to keep the original type if possible
    if ( areSame( originalArguments, boundArguments ) ) {
        return parameterizedType;
    }
    return TypeFactory.createParameterizedType(
        parameterizedType.getRawType(), boundArguments, parameterizedType.getOwnerType()
    );
}

private boolean areSame(Object[] array1, Object[] array2) {
    if ( array1.length != array2.length ) {
        return false;
    }
    for ( int i = 0; i < array1.length ; i++ ) {
        if ( array1[i] != array2[i] ) {
            return false;
        }
    }
    return true;
}

@Override
public Type caseTypeVariable(TypeVariable typeVariable) {
    if ( !containsKey( typeVariable ) ) {
        return typeVariable;
    }
    return get( typeVariable );
}

```

```

@Override
public Type caseWildcardType(WildcardType wildcardType) {
    return wildcardType;
}
};

public SimpleTypeEnvironment(Type[] formalTypeArgs, Type[] actualTypeArgs) {
    for (int i = 0; i < formalTypeArgs.length; i++) {
        put( formalTypeArgs[i], actualTypeArgs[i] );
    }
}

public Type bind(Type type) {
    return substitute.doSwitch( type );
}

private Type[] substitute(Type[] types) {
    Type[] substTypes = new Type[types.length];
    for ( int i = 0; i < substTypes.length ; i++ ) {
        substTypes[i] = bind( types[i] );
    }
    return substTypes;
}
}
}
/*
 * Hibernate, Relational Persistence for Idiomatic Java
 *
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 */

```

```

package org.hibernate.annotations.common.reflection.java;

import java.lang.reflect.Type;
import java.util.Collection;

import org.hibernate.annotations.common.reflection.XClass;
import org.hibernate.annotations.common.reflection.java.generics.TypeEnvironment;

/**
 * @author Emmanuel Bernard
 * @author Paolo Perrotta
 */
class JavaXSimpleType extends JavaXType {

    public JavaXSimpleType(Type type, TypeEnvironment context, JavaReflectionManager factory) {
        super( type, context, factory );
    }

    public boolean isArray() {
        return false;
    }

    public boolean isCollection() {
        return false;
    }

    public XClass getElementClass() {
        return toXClass( approximate() );
    }

    public XClass getClassOrElementClass() {
        return getElementClass();
    }

    public Class<? extends Collection> getCollectionClass() {
        return null;
    }

    public XClass getType() {
        return toXClass( approximate() );
    }

    public XClass getMapKey() {
        return null;
    }
}

```

# 1.271 hibernate-core 3.6.0

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Version 2.1, February 1999

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## 1.273 hicolor-icon-theme 0.11 :1.1.el6

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## 1.276 hsqldb 2.2.4

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```
create table ${schemaObjectPrefix}JOURNAL (REVISION_ID BIGINT NOT NULL, JOURNAL_ID  
varchar(255), PRODUCER_ID varchar(255), REVISION_DATA blob)
```

```
create unique index ${schemaObjectPrefix}JOURNAL_IDX on ${schemaObjectPrefix}JOURNAL  
(REVISION_ID)
```

```
create table ${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID BIGINT NOT NULL)
```

```
create unique index ${schemaObjectPrefix}GLOBAL_REVISION_IDX on
```

```
${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID)
```

```
create table ${schemaObjectPrefix}LOCAL_REVISIONS (JOURNAL_ID varchar(255) NOT NULL,  
REVISION_ID BIGINT NOT NULL)
```

# Inserting the one and only revision counter record now helps avoiding race conditions

```
insert into ${schemaObjectPrefix}GLOBAL_REVISION VALUES(0)
```

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create unique index ${schemaObjectPrefix}JOURNAL_IDX on ${schemaObjectPrefix}JOURNAL
(REVISION_ID)
create table ${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID BIGINT NOT NULL)
create unique index ${schemaObjectPrefix}GLOBAL_REVISION_IDX on
${schemaObjectPrefix}GLOBAL_REVISION (REVISION_ID)
create table ${schemaObjectPrefix}LOCAL_REVISIONS (JOURNAL_ID varchar(255) NOT NULL,
REVISION_ID BIGINT NOT NULL)

# Inserting the one and only revision counter record now helps avoiding race conditions
insert into ${schemaObjectPrefix}GLOBAL_REVISION VALUES(0)
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# 1.279 htmlunit 2.9

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```
package net.sourceforge.htmlunit.corejs.classfile;
```

```
/**
```

```
* This class provides opcode values expected by the JVM in Java class files.
```

```
*
```

```
* It also provides tables for internal use by the ClassFileWriter.
```

```
*
```

```
* @author Roger Lawrence
```

```
*/
```

```
public class ByteCode {
```

```
/**
```

```
* The byte opcodes defined by the Java Virtual Machine.
```

```
*/
```

```
public static final int
```

```
    NOP = 0x00,
```

```
    ACONST_NULL = 0x01,
```

```
    ICONST_M1 = 0x02,
```

```
    ICONST_0 = 0x03,
```

```
    ICONST_1 = 0x04,
```

```
    ICONST_2 = 0x05,
```

```
    ICONST_3 = 0x06,
```

```
    ICONST_4 = 0x07,
```

```
    ICONST_5 = 0x08,
```

```
    LCONST_0 = 0x09,
```

```
    LCONST_1 = 0x0A,
```

```
    FCONST_0 = 0x0B,
```

```
    FCONST_1 = 0x0C,
```

```
    FCONST_2 = 0x0D,
```

```
    DCONST_0 = 0x0E,
```

```
    DCONST_1 = 0x0F,
```

```
    BIPUSH = 0x10,
```

```
    SIPUSH = 0x11,
```

```
    LDC = 0x12,
```

```
    LDC_W = 0x13,
```

```
    LDC2_W = 0x14,
```

```
    ILOAD = 0x15,
```

```
    LLOAD = 0x16,
```

```
    FLOAD = 0x17,
```

```
    DLOAD = 0x18,
```

```
    ALOAD = 0x19,
```

```
    ILOAD_0 = 0x1A,
```

```
    ILOAD_1 = 0x1B,
```

ILOAD\_2 = 0x1C,  
ILOAD\_3 = 0x1D,  
LLOAD\_0 = 0x1E,  
LLOAD\_1 = 0x1F,  
LLOAD\_2 = 0x20,  
LLOAD\_3 = 0x21,  
FLOAD\_0 = 0x22,  
FLOAD\_1 = 0x23,  
FLOAD\_2 = 0x24,  
FLOAD\_3 = 0x25,  
DLOAD\_0 = 0x26,  
DLOAD\_1 = 0x27,  
DLOAD\_2 = 0x28,  
DLOAD\_3 = 0x29,  
ALOAD\_0 = 0x2A,  
ALOAD\_1 = 0x2B,  
ALOAD\_2 = 0x2C,  
ALOAD\_3 = 0x2D,  
IALOAD = 0x2E,  
LALOAD = 0x2F,  
FALOAD = 0x30,  
DALOAD = 0x31,  
AALOAD = 0x32,  
BALOAD = 0x33,  
CALOAD = 0x34,  
SALOAD = 0x35,  
ISTORE = 0x36,  
LSTORE = 0x37,  
FSTORE = 0x38,  
DSTORE = 0x39,  
ASTORE = 0x3A,  
ISTORE\_0 = 0x3B,  
ISTORE\_1 = 0x3C,  
ISTORE\_2 = 0x3D,  
ISTORE\_3 = 0x3E,  
LSTORE\_0 = 0x3F,  
LSTORE\_1 = 0x40,  
LSTORE\_2 = 0x41,  
LSTORE\_3 = 0x42,  
FSTORE\_0 = 0x43,  
FSTORE\_1 = 0x44,  
FSTORE\_2 = 0x45,  
FSTORE\_3 = 0x46,  
DSTORE\_0 = 0x47,  
DSTORE\_1 = 0x48,  
DSTORE\_2 = 0x49,  
DSTORE\_3 = 0x4A,  
ASTORE\_0 = 0x4B,

ASTORE\_1 = 0x4C,  
ASTORE\_2 = 0x4D,  
ASTORE\_3 = 0x4E,  
IASTORE = 0x4F,  
LASTORE = 0x50,  
FASTORE = 0x51,  
DASTORE = 0x52,  
AASTORE = 0x53,  
BASTORE = 0x54,  
CASTORE = 0x55,  
SASTORE = 0x56,  
POP = 0x57,  
POP2 = 0x58,  
DUP = 0x59,  
DUP\_X1 = 0x5A,  
DUP\_X2 = 0x5B,  
DUP2 = 0x5C,  
DUP2\_X1 = 0x5D,  
DUP2\_X2 = 0x5E,  
SWAP = 0x5F,  
IADD = 0x60,  
LADD = 0x61,  
FADD = 0x62,  
DADD = 0x63,  
ISUB = 0x64,  
LSUB = 0x65,  
FSUB = 0x66,  
DSUB = 0x67,  
IMUL = 0x68,  
LMUL = 0x69,  
FMUL = 0x6A,  
DMUL = 0x6B,  
IDIV = 0x6C,  
LDIV = 0x6D,  
FDIV = 0x6E,  
DDIV = 0x6F,  
IREM = 0x70,  
LREM = 0x71,  
FREM = 0x72,  
DREM = 0x73,  
INEG = 0x74,  
LNEG = 0x75,  
FNEG = 0x76,  
DNEG = 0x77,  
ISHL = 0x78,  
LSHL = 0x79,  
ISHR = 0x7A,  
LSHR = 0x7B,

IUSHR = 0x7C,  
LUSHR = 0x7D,  
IAND = 0x7E,  
LAND = 0x7F,  
IOR = 0x80,  
LOR = 0x81,  
IXOR = 0x82,  
LXOR = 0x83,  
IINC = 0x84,  
I2L = 0x85,  
I2F = 0x86,  
I2D = 0x87,  
L2I = 0x88,  
L2F = 0x89,  
L2D = 0x8A,  
F2I = 0x8B,  
F2L = 0x8C,  
F2D = 0x8D,  
D2I = 0x8E,  
D2L = 0x8F,  
D2F = 0x90,  
I2B = 0x91,  
I2C = 0x92,  
I2S = 0x93,  
LCMP = 0x94,  
FCMPL = 0x95,  
FCMPG = 0x96,  
DCMPL = 0x97,  
DCMPG = 0x98,  
IFEQ = 0x99,  
IFNE = 0x9A,  
IFLT = 0x9B,  
IFGE = 0x9C,  
IFGT = 0x9D,  
IFLE = 0x9E,  
IF\_ICMPEQ = 0x9F,  
IF\_ICMPNE = 0xA0,  
IF\_ICMPLT = 0xA1,  
IF\_ICMPGE = 0xA2,  
IF\_ICMPGT = 0xA3,  
IF\_ICMPLE = 0xA4,  
IF\_ACMPEQ = 0xA5,  
IF\_ACMPLT = 0xA6,  
GOTO = 0xA7,  
JSR = 0xA8,  
RET = 0xA9,  
TABLESWITCH = 0xAA,  
LOOKUPSWITCH = 0xAB,

```

IRETURN = 0xAC,
LRETURN = 0xAD,
FRETURN = 0xAE,
DRETURN = 0xAF,
ARETURN = 0xB0,
RETURN = 0xB1,
GETSTATIC = 0xB2,
PUTSTATIC = 0xB3,
GETFIELD = 0xB4,
PUTFIELD = 0xB5,
INVOKEVIRTUAL = 0xB6,
INVOKESPECIAL = 0xB7,
INVOKESTATIC = 0xB8,
INVOKEINTERFACE = 0xB9,
NEW = 0xBB,
NEWARRAY = 0xBC,
ANEWARRAY = 0xBD,
ARRAYLENGTH = 0xBE,
ATHROW = 0xBF,
CHECKCAST = 0xC0,
INSTANCEOF = 0xC1,
MONITORENTER = 0xC2,
MONITOREXIT = 0xC3,
WIDE = 0xC4,
MULTIANEWARRAY = 0xC5,
IFNULL = 0xC6,
IFNONNULL = 0xC7,
GOTO_W = 0xC8,
JSR_W = 0xC9,
BREAKPOINT = 0xCA,

IMPDEP1 = 0xFE,
IMPDEP2 = 0xFF;

/**
 * Types for the NEWARRAY opcode.
 */
public static final byte
    T_BOOLEAN = 4,
    T_CHAR = 5,
    T_FLOAT = 6,
    T_DOUBLE = 7,
    T_BYTE = 8,
    T_SHORT = 9,
    T_INT = 10,
    T_LONG = 11;

```



}

# 1.281 httpclient 4.1.2

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The current Debian maintainers are Maximilian Attems <maks@debian.org> and Michael Prokop <mika@debian.org>.

The current Ubuntu release can be found at:  
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Iperf performance test

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1. <http://dast.nlanr.net/Projects/Iperf>
2. <http://www.ncsa.uiuc.edu/>
3. <mailto:dast@nlanr.net>
4. <http://www.nlanr.net/>
5. <http://dast.nlanr.net/>
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# 1.297 iproute 20100519-3

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\* tracepath.c

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## 1.305 jackson-all 1.9 :3

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Java(TM) Advanced Imaging API Specification ("Specification")

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## 1.308 jain-sip-sdp 1.2.160-SNAPSHOT

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
```

```
<html>
```

```
<head>
```

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

```
<meta http-equiv="content-type"
```

```
content="text/html; charset=ISO-8859-1">
```

```
<meta name="author" content="Phelim O'Doherty">
```

```
</head>
```

```
<body>
```

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package test.unit.gov.nist.javax.sip.stack.dialog.timeout;

import gov.nist.javax.sip.DialogTimeoutEvent;

import gov.nist.javax.sip.SipStackImpl;

import gov.nist.javax.sip.DialogTimeoutEvent.Reason;

import java.util.ArrayList;

import java.util.Properties;

import javax.sip.ClientTransaction;

import javax.sip.Dialog;

import javax.sip.DialogTerminatedEvent;

import javax.sip.IOExceptionEvent;

import javax.sip.ListeningPoint;

import javax.sip.RequestEvent;

import javax.sip.ResponseEvent;

```

import javax.sip.ServerTransaction;
import javax.sip.SipFactory;
import javax.sip.SipListener;
import javax.sip.SipProvider;
import javax.sip.TransactionTerminatedEvent;
import javax.sip.address.Address;
import javax.sip.address.AddressFactory;
import javax.sip.address.SipURI;
import javax.sip.header.CSeqHeader;
import javax.sip.header.CallIdHeader;
import javax.sip.header.ContactHeader;
import javax.sip.header.ContentTypeHeader;
import javax.sip.header.FromHeader;
import javax.sip.header.HeaderFactory;
import javax.sip.header.MaxForwardsHeader;
import javax.sip.header.ToHeader;
import javax.sip.header.ViaHeader;
import javax.sip.message.MessageFactory;
import javax.sip.message.Request;
import javax.sip.message.Response;

import org.apache.log4j.ConsoleAppender;
import org.apache.log4j.Logger;
import org.apache.log4j.SimpleLayout;
import org.apache.log4j.helpers.NullEnumeration;

import test.tck.msgflow.callflows.ProtocolObjects;

/**
 * This class sends an INVITE and upon receiving a 200 OK it doesn't send the ACK to test is the Dialog Timeout
 * Event is correctly passed to the application
 * The timeout Reason should be ACK not sent
 *
 * @author jean deruelle
 */

public class ShootistNotImplementingSipListenerExt implements SipListener {

    private ListeningPoint listeningPoint;
    private ProtocolObjects protocolObjects;
    /* move variables as class variables from init() */
    private SipURI requestURI;

    private CSeqHeader cSeqHeader;

    private FromHeader fromHeader;

    private ToHeader toHeader;

```

```

private MaxForwardsHeader maxForwards;

private SipProvider sipProvider;

private Address fromNameAddress;

private ContentTypeHeader contentTypeHeader;

private ContactHeader contactHeader;
// If you want to try TCP transport change the following to
// String transport = "tcp";
String transport = "udp";

private HeaderFactory headerFactory;

private AddressFactory addressFactory;

private MessageFactory messageFactory;

private static String PEER_ADDRESS = Shootme.myAddress;

private static int PEER_PORT = Shootme.myPort;

private static String peerHostPort = PEER_ADDRESS + ":" + PEER_PORT;

// To run on two machines change these to suit.
public static final String myAddress = "127.0.0.1";

private static final int myPort = 5060;

private boolean stateIsOk = false;

private Dialog dialog = null;

private static Logger logger = Logger.getLogger(ShootistNotImplementingSipListenerExt.class);

static {
    if (logger.getAllAppenders().equals(NullEnumeration.getInstance())) {

        logger.addAppender(new ConsoleAppender(new SimpleLayout()));

    }
}

public ShootistNotImplementingSipListenerExt(ProtocolObjects protocolObjects) {
    super();
    this.protocolObjects = protocolObjects;
}

```

```

    stateIsOk = protocolObjects.autoDialog;
}

public boolean checkState() {

    return stateIsOk;
}

public SipProvider createSipProvider() {
    try {
        listeningPoint = protocolObjects.sipStack.createListeningPoint(
            myAddress, myPort, protocolObjects.transport);

        sipProvider = protocolObjects.sipStack
            .createSipProvider(listeningPoint);
        return sipProvider;
    } catch (Exception ex) {
        logger.error(ex);
        DialogTimeoutTest
            .fail("Shootist: unable to create provider");
        return null;
    }
}

public void init() {
    SipFactory sipFactory = null;
    sipFactory = SipFactory.getInstance();
    sipFactory.setPathName("gov.nist");
    Properties properties = new Properties();

    /* remote peer host */
    String peerHostPort = ShootistNotImplementingSipListenerExt.peerHostPort;
    String localHost = myAddress;

    try {
        headerFactory = protocolObjects.headerFactory;
        addressFactory = protocolObjects.addressFactory;
        messageFactory = protocolObjects.messageFactory;

        String fromName = "BigGuy";
        String fromSipAddress = "here.com";
        String fromDisplayName = "The Master Blaster";

        String toSipAddress = "there.com";
        String toUser = "LittleGuy";
        String toDisplayName = "The Little Blister";

        // create >From Header

```

```

SipURI fromAddress = addressFactory.createSipURI(fromName,
    fromSipAddress);

fromNameAddress = addressFactory.createAddress(fromAddress);
fromNameAddress.setDisplayName(fromDisplayName);

// create To Header
SipURI toAddress = addressFactory
    .createSipURI(toUser, toSipAddress);
Address toNameAddress = addressFactory.createAddress(toAddress);
toNameAddress.setDisplayName(toDisplayName);
toHeader = headerFactory.createToHeader(toNameAddress, null);

// create Request URI
requestURI = addressFactory.createSipURI(toUser, peerHostPort);

// Create ContentTypeHeader
contentTypeHeader = headerFactory.createContentTypeHeader(
    "application", "sdp");

// Create a new MaxForwardsHeader
maxForwards = headerFactory.createMaxForwardsHeader(70);

// Create contact headers
String host = localhost;

SipURI contactUrl = addressFactory.createSipURI(fromName, host);
contactUrl.setPort(listeningPoint.getPort());

// Create the contact name address.
SipURI contactURI = addressFactory.createSipURI(fromName, host);
contactURI.setPort(listeningPoint.getPort());

Address contactAddress = addressFactory.createAddress(contactURI);

// Add the contact address.
contactAddress.setDisplayName(fromName);

contactHeader = headerFactory.createContactHeader(contactAddress);

} catch (Exception ex) {
    System.out.println(ex.getMessage());
    ex.printStackTrace();
    DialogTimeoutTest.fail("Shootist: Error on init!", ex);
}
}

public void processDialogTerminated(

```

```

    DialogTerminatedEvent dialogTerminatedEvent) {
if(((SipStackImpl)protocolObjects.sipStack).isBackToBackUserAgent()) {
    stateIsOk = true;
    return;
}
if(!protocolObjects.autoDialog) {
    stateIsOk = true;
}
}

public void processIOException(IOExceptionEvent exceptionEvent) {
    System.out.println("An IO Exception occurred!");
    DialogTimeoutTest.fail("An IO Exception occurred!");
}

public void processRequest(RequestEvent requestReceivedEvent) {
    Request request = requestReceivedEvent.getRequest();
    ServerTransaction serverTransactionId = requestReceivedEvent
        .getServerTransaction();

    System.out.println("GOT REQUEST (we shouldnt get that): "
        + request.getMethod());
    DialogTimeoutTest.fail("Shouldnt receive any request:\n"
        + request);
}

public void processResponse(ResponseEvent responseReceivedEvent) {
    Response response = (Response) responseReceivedEvent.getResponse();
    System.out.println("GOT RESPONSE:" + response.getStatusCode());
    if(responseReceivedEvent.getClientTransaction() == null) {
        return;
    }
    try {
        if (response.getStatusCode() == Response.OK
            && ((CSeqHeader) response.getHeader(CSeqHeader.NAME))
                .getMethod().equals(Request.INVITE)) {
            System.out.println("Not Sending ACK to test dialog timeout");
        }
    } catch (Exception ex) {
        ex.printStackTrace();

        DialogTimeoutTest.fail(
            "Shootist: Exception on process respons/send info", ex);
    }
}
}

```

```

public void processTimeout(javax.sip.TimeoutEvent timeoutEvent) {
    if(protocolObjects.autoDialog) {
        DialogTimeoutTest.fail(
            "Shootist: Exception on timeout, event shouldn't be thrown on automatic dialog creation by the stack");
    }
}

public void processTimeout(DialogTimeoutEvent timeoutEvent) {
    stateIsOk = false;
    DialogTimeoutTest.fail(
        "Shootist: this shouldn't be called");
}

public void processTransactionTerminated(
    TransactionTerminatedEvent transactionTerminatedEvent) {
    // System.out.println("TransactionTerminated event notification");
}

void sendInviteRequest() {
    System.out.println("====Send INVITE");
    try {
        cSeqHeader = headerFactory.createCSeqHeader(1L, Request.INVITE);

        // Create a new CallId header
        CallIdHeader callIdHeader = sipProvider.getNewCallId();

        int fromTag = 1000 + hashCode();

        fromHeader = headerFactory.createFromHeader(fromNameAddress,
            new Integer(fromTag).toString());
        String sdpData = "v=0\r\n"
            + "o=4855 13760799956958020 13760799956958020"
            + " IN IP4 129.6.55.78\r\n" + "s=mysession session\r\n"
            + "p=+46 8 52018010\r\n" + "c=IN IP4 129.6.55.78\r\n"
            + "t=0 0\r\n" + "m=audio 6022 RTP/AVP 0 4 18\r\n"
            + "a=rtpmap:0 PCMU/8000\r\n" + "a=rtpmap:4 G723/8000\r\n"
            + "a=rtpmap:18 G729A/8000\r\n" + "a=ptime:20\r\n";
        // Create ViaHeaders
        ArrayList viaHeaders = new ArrayList();
        ViaHeader viaHeader = headerFactory.createViaHeader(myAddress,
            listeningPoint.getPort(), transport, null);

        // add via headers
        viaHeaders.add(viaHeader);
        Request request = messageFactory.createRequest(requestURI,
            Request.INVITE, callIdHeader, cSeqHeader, fromHeader,

```



```

        toHeader, viaHeaders, maxForwards);

    request.setHeader(contactHeader);
    request.setContent(sdpData, contentTypeHeader);
    // Create the client transaction.
    ClientTransaction inviteTid = sipProvider
        .getNewClientTransaction(request);
    if(!protocolObjects.autoDialog) {
        dialog = sipProvider.getNewDialog(inviteTid);
    }
    System.out.println("inviteTid = " + inviteTid + " sipDialog = "
        + inviteTid.getDialog());

    // send the request out.
    inviteTid.sendRequest();
} catch (Exception ex) {
    System.out.println("Fail to sendInviteRequest with SipException:\n"
        + ex.getMessage());
    DialogTimeoutTest.fail(
        "Shootist: Failed to send invite: ", ex);
}
return;
}
}
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 */
package test.unit.gov.nist.java.sip.stack.dialog.timeout;

import gov.nist.java.sip.DialogTimeoutEvent;
import gov.nist.java.sip.stack.SIPDialog;

import java.util.Timer;
import java.util.TimerTask;

```

```

import javax.sip.Dialog;
import javax.sip.DialogTerminatedEvent;
import javax.sip.IOExceptionEvent;
import javax.sip.ListeningPoint;
import javax.sip.RequestEvent;
import javax.sip.ResponseEvent;
import javax.sip.ServerTransaction;
import javax.sip.SipListener;
import javax.sip.SipProvider;
import javax.sip.Transaction;
import javax.sip.TransactionTerminatedEvent;
import javax.sip.address.Address;
import javax.sip.address.AddressFactory;
import javax.sip.header.CSeqHeader;
import javax.sip.header.ContactHeader;
import javax.sip.header.HeaderFactory;
import javax.sip.header.ToHeader;
import javax.sip.message.MessageFactory;
import javax.sip.message.Request;
import javax.sip.message.Response;

import org.apache.log4j.ConsoleAppender;
import org.apache.log4j.Logger;
import org.apache.log4j.SimpleLayout;
import org.apache.log4j.helpers.NullEnumeration;

import test.tck.msgflow.callflows.ProtocolObjects;

/**
 * This class receives an INVITE and sends a 180 and a 200 OK, the Shootist will not send the ACK to test is the
 * Dialog Timeout Event is correctly passed to the application.
 * The timeout Reason should be ACK not received
 *
 * @author jean deruelle
 */

public class ShootmeNotImplementingListener implements SipListener {

    class TTask extends TimerTask {

        RequestEvent requestEvent;

        ServerTransaction st;

        public TTask(RequestEvent requestEvent, ServerTransaction st) {
            this.requestEvent = requestEvent;
            this.st = st;
        }
    }

```

```

}

public void run() {
    Request request = requestEvent.getRequest();
    try {
        // System.out.println("shootme: got an Invite sending OK");
        Response response = messageFactory.createResponse(180, request);
        ToHeader toHeader = (ToHeader) response.getHeader(ToHeader.NAME);
        Address address = addressFactory.createAddress("Shootme <sip:" + myAddress + ":" + myPort + ">");
        ContactHeader contactHeader = headerFactory.createContactHeader(address);
        response.addHeader(contactHeader);

        if(!protocolObjects.autoDialog) {
            ((SipProvider)requestEvent.getSource()).getNewDialog(st);
        }
        st.getDialog().setApplicationData("some junk");

        // System.out.println("got a server transaction " + st);
        st.sendResponse(response); // send 180(RING)
        response = messageFactory.createResponse(200, request);
        toHeader = (ToHeader) response.getHeader(ToHeader.NAME);
        String toTag = new Integer((int) (Math.random() *
100000)).toString()+"_ResponseCode_"+responseCodeToINFO;
        toHeader.setTag(toTag); // Application is supposed to set.

        response.addHeader(contactHeader);

        st.sendResponse(response);// send 200(OK)

    } catch (Exception ex) {
        ex.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed in timer task!!!", ex);
    }

}

}

private static AddressFactory addressFactory;

private static MessageFactory messageFactory;

private static HeaderFactory headerFactory;

private boolean stateIsOk = true;

```

```

private ProtocolObjects protocolObjects;

private int responseCodeToINFO = 500;

// To run on two machines change these to suit.
public static final String myAddress = "127.0.0.1";

public static final int myPort = 5070;

private static Logger logger = Logger.getLogger(ShootmeNotImplementingListener.class);

static {
    if (logger.getAllAppenders().equals(NullEnumeration.getInstance())) {

        logger.addAppender(new ConsoleAppender(new SimpleLayout()));

    }
}

public ShootmeNotImplementingListener(ProtocolObjects protocolObjects) {
    this.protocolObjects = protocolObjects;
    stateIsOk = protocolObjects.autoDialog;
}

public boolean checkState() {

    return stateIsOk;
}

public SipProvider createSipProvider() throws Exception {
    ListeningPoint lp = protocolObjects.sipStack.createListeningPoint(myAddress, myPort,
protocolObjects.transport);

    SipProvider sipProvider = protocolObjects.sipStack.createSipProvider(lp);
    return sipProvider;
}

public void init() {

    headerFactory = protocolObjects.headerFactory;
    addressFactory = protocolObjects.addressFactory;
    messageFactory = protocolObjects.messageFactory;

}

/**
 * Process the ACK request. Send the bye and complete the call flow.
 */

```

```

public void processAck(RequestEvent requestEvent, ServerTransaction serverTransaction) {
    SipProvider sipProvider = (SipProvider) requestEvent.getSource();
    try {
        // System.out.println("*** shootme: got an ACK ")
        // + requestEvent.getRequest();
        if (serverTransaction == null) {
            System.out.println("null server transaction -- ignoring the ACK!");
            return;
        }
        Dialog dialog = serverTransaction.getDialog();

        System.out.println("Dialog Created = " + dialog.getDialogId() + " Dialog State = " + dialog.getState());

        System.out.println("Waiting for INFO");

    } catch (Exception ex) {
        ex.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed on process ACK", ex);
    }
}

public void processDialogTerminated(DialogTerminatedEvent dialogTerminatedEvent) {
    TimerTask timerTask = new CheckAppData(dialogTerminatedEvent.getDialog());
    new Timer().schedule(timerTask, 9000);
    // Dialog dialog = dialogTerminatedEvent.getDialog();
    //
    // System.out.println("Dialog Terminated Event " + dialog.getDialogId());
    // if ( this.responseCodeToINFO>=300)
    // {
    //     DialogTimeoutTest.fail("Shootme: Got DialogTerminatedEvent, this shouldnt happen");
    //     stateIsOk=false;
    // }

}

public void processInfo(RequestEvent requestEvent) {
    try {
        Response info500Response = messageFactory.createResponse(this.responseCodeToINFO,
requestEvent.getRequest());
        requestEvent.getServerTransaction().sendResponse(info500Response);
    } catch (Exception e) {

        e.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed on process INFO", e);
    }
}
}

```

```

/**
 * Process the invite request.
 */
public void processInvite(RequestEvent requestEvent, ServerTransaction serverTransaction) {
    try {
        // System.out.println("ProcessInvite");
        Request request = requestEvent.getRequest();
        SipProvider sipProvider = (SipProvider) requestEvent.getSource();
        // Note you need to create the Server Transaction
        // before the listener returns but you can delay sending the
        // response

        ServerTransaction st = sipProvider.getNewServerTransaction(request);

        TTask ttask = new TTask(requestEvent, st);
        int ttime = 100;

        new Timer().schedule(ttask, ttime);
    } catch (Exception ex) {
        ex.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed on process INVITE", ex);
    }
}

public void processIOException(IOExceptionEvent exceptionEvent) {
    System.out.println("IOException event");
    DialogTimeoutTest.fail("Got IOException event");
}

public void processRequest(RequestEvent requestEvent) {
    Request request = requestEvent.getRequest();
    ServerTransaction serverTransactionId = requestEvent.getServerTransaction();

    System.out.println("GOT REQUEST: " + request.getMethod());

    if (request.getMethod().equals(Request.INVITE)) {
        processInvite(requestEvent, serverTransactionId);
    } else if (request.getMethod().equals(Request.ACK)) {
        processAck(requestEvent, serverTransactionId);
    } else if (request.getMethod().equals(Request.INFO)) {
        processInfo(requestEvent);
    } else if (request.getMethod().equals(Request.BYE)) {
        processBye(requestEvent, serverTransactionId);
    }
}
}

/**

```

```

* Process the bye request.
*/
public void processBye(RequestEvent requestEvent,
    ServerTransaction serverTransactionId) {
    SipProvider sipProvider = (SipProvider) requestEvent.getSource();
    Request request = requestEvent.getRequest();
    Dialog dialog = requestEvent.getDialog();
    System.out.println("local party = " + dialog.getLocalParty());
    try {
        System.out.println("shootme: got a bye sending OK.");
        Response response = messageFactory.createResponse(200, request);
        serverTransactionId.sendResponse(response);
        System.out.println("Dialog State is "
            + serverTransactionId.getDialog().getState());

    } catch (Exception ex) {
        ex.printStackTrace();
        System.exit(0);

    }
}

public void processResponse(ResponseEvent responseReceivedEvent) {
    // System.out.println("Got a response");
    Response response = (Response) responseReceivedEvent.getResponse();
    Transaction tid = responseReceivedEvent.getClientTransaction();

    // System.out.println("Response received with client transaction id "
    // + tid + ":\n" + response);

    System.out.println("GOT RESPONSE: " + response.getStatusCode());
    try {
        if (response.getStatusCode() == Response.OK && ((CSeqHeader)
response.getHeader(CSeqHeader.NAME)).getMethod().equals(Request.INVITE)) {

            Dialog dialog = tid.getDialog();
            Request request = tid.getRequest();
            dialog.sendAck(request);
        }

    } catch (Exception ex) {
        ex.printStackTrace();
        DialogTimeoutTest.fail("Shootme: Failed on process response: " + response.getStatusCode(), ex);
    }
}

public void processTimeout(javax.sip.TimeoutEvent timeoutEvent) {

```

```

if(protocolObjects.autoDialog) {
    DialogTimeoutTest.fail(
        "Shootme: Exception on timeout, event shouldn't be thrown on automatic dialog creation by the stack");
    stateIsOk = false;
}
/*
 * System.out.println("state = " + transaction.getState());
 * System.out.println("dialog = " + transaction.getDialog());
 * System.out.println("dialogState = " +
 * transaction.getDialog().getState());
 * System.out.println("Transaction Time out" +
 * transaction.getBranchId());
 */

}

public void processTimeout(DialogTimeoutEvent timeoutEvent) {
    DialogTimeoutTest.fail(
        "Shootme: Exception on timeout, event shouldn't be thrown since the listener is not implemented");
}

public void processTransactionTerminated(TransactionTerminatedEvent transactionTerminatedEvent) {
    // System.out.println("TransactionTerminatedEvent");
}

public void setResponseCodeToINFO(int responseCodeToINFO) {
    this.responseCodeToINFO = responseCodeToINFO;
}

/**
 * @param stateIsOk the stateIsOk to set
 */
public void setStateIsOk(boolean stateIsOk) {
    this.stateIsOk = stateIsOk;
}

/**
 * @return the stateIsOk
 */
public boolean isStateIsOk() {
    return stateIsOk;
}

class CheckAppData extends TimerTask {
    Dialog dialog;
}

```



```

public CheckAppData(Dialog dialog) {
    this.dialog = dialog;
}

public void run() {
    System.out.println("Checking app data " + dialog.getApplicationData());
    if(dialog.getApplicationData() == null || !dialog.getApplicationData().equals("some junk")) {
        stateIsOk = false;
        DialogTimeoutTest.fail("application data should never be null except if nullified by the application !");
    }
}
}
}
}
/*
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* .
*
*/
/*****
* Product of NIST/ITL Advanced Networking Technologies Division (ANTD)      *
*****/
package gov.nist.javax.sip.message;

import gov.nist.javax.sip.header.*;
import java.text.ParseException;

/**
* Duplicate header exception: thrown when there is more

```

- \* than one header of a type where there should only be one.
- \* The exception handler may choose to :
  - \* 1. discard the duplicate by returning null
  - \* 2. keep the duplicate by just returning it.
  - \* 3. Discard the entire message by throwing an exception.
- \* @version 1.2 \$Revision: 1.6 \$ \$Date: 2009/07/17 18:57:54 \$
- \* @since 1.1
- \* @author M. Ranganathan
- \*/

```
public class SIPDuplicateHeaderException extends ParseException {

    private static final long serialVersionUID = 8241107266407879291L;
    protected SIPHeader sipHeader;
    protected SIPMessage sipMessage;
    public SIPDuplicateHeaderException(String msg) {
        super(msg, 0);
    }
    public SIPMessage getSIPMessage() {
        return sipMessage;
    }

    public SIPHeader getSIPHeader() {
        return sipHeader;
    }

    public void setSIPHeader(SIPHeader sipHeader) {
        this.sipHeader = sipHeader;
    }

    public void setSIPMessage(SIPMessage sipMessage) {
        this.sipMessage = sipMessage;
    }
}
```

/\*  
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\*

\*

\*

\*/

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\*\*\*\*\*/

package gov.nist.javax.sip.message;

import java.text.ParseException;  
import javax.sip.header.\*;

import java.util.LinkedList;  
import java.util.List;  
import gov.nist.javax.sip.header.\*;

import javax.sip.message.\*;  
import javax.sip.address.\*;  
import gov.nist.javax.sip.parser.\*;

/\*\*

\* Message Factory implementation

\*

\* @version 1.2 \$Revision: 1.24 \$ \$Date: 2010/05/06 14:08:03 \$

\* @since 1.1

\*

\* @author M. Ranganathan <br/>

\* @author Olivier Deruelle <br/>

\*

\*/

@SuppressWarnings("unchecked")

public class MessageFactoryImpl implements MessageFactory, MessageFactoryExt {

private boolean testing = false;

private boolean strict = true;

private static String defaultContentEncodingCharset = "UTF-8";

/\*

\* The UserAgent header to include for all requests created from this message factory.

```

*/
private static UserAgentHeader userAgent;

/*
 * The Server header to include
 */
private static ServerHeader server;

public void setStrict(boolean strict) {
    this.strict = strict;
}

/**
 * This is for testing -- allows you to generate invalid requests
 */
public void setTest(boolean flag) {
    this.testing = flag;
}

/**
 * Creates a new instance of MessageFactoryImpl
 */
public MessageFactoryImpl() {
}

/**
 * Creates a new Request message of type specified by the method parameter,
 * containing the URI of the Request, the mandatory headers of the message
 * with a body in the form of a Java object and the body content type.
 *
 * @param requestURI -
 *     the new URI object of the requestURI value of this Message.
 * @param method -
 *     the new string of the method value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.

```

```

* @param content -
*     the new Object of the body content value of this Message.
* @param contentType -
*     the new ContentTypeHeader object of the content type value of
*     this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the method or the body.
*/
public Request createRequest(javax.sip.address.URI requestURI,
    String method, CallIdHeader callId, CSeqHeader cSeq,
    FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    Object content) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("Null parameters");

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);
    sipRequest.setCallId(callId);
    sipRequest.setCSeq(cSeq);
    sipRequest.setFrom(from);
    sipRequest.setTo(to);
    sipRequest.setVia(via);
    sipRequest.setMaxForwards(maxForwards);
    sipRequest.setContent(content, contentType);
    if ( userAgent != null ) {
        sipRequest.setHeader(userAgent);
    }

    return sipRequest;
}

/**
* Creates a new Request message of type specified by the method paramater,
* containing the URI of the Request, the mandatory headers of the message
* with a body in the form of a byte array and body content type.
*
* @param requestURI -
*     the new URI object of the requestURI value of this Message.
* @param method -
*     the new string of the method value of this Message.
* @param callId -
*     the new CallIdHeader object of the callId value of this

```

```

*     Message.
* @param cSeq -
*     the new CSeqHeader object of the cSeq value of this Message.
* @param from -
*     the new FromHeader object of the from value of this Message.
* @param to -
*     the new ToHeader object of the to value of this Message.
* @param via -
*     the new List object of the ViaHeaders of this Message.
* @param content -
*     the new byte array of the body content value of this Message.
* @param contentType -
*     the new ContentTypeHeader object of the content type value of
*     this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the method or the body.
*/
public Request createRequest(URI requestURI, String method,
    CallIdHeader callId, CSeqHeader cSeq, FromHeader from, ToHeader to,
    List via, MaxForwardsHeader maxForwards, byte[] content,
    ContentTypeHeader contentType) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null || content == null
        || contentType == null)
        throw new ParseException(
            "JAIN-SIP Exception, some parameters are missing"
            + ", unable to create the request", 0);

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);
    sipRequest.setCallId(callId);
    sipRequest.setCSeq(cSeq);
    sipRequest.setFrom(from);
    sipRequest.setTo(to);
    sipRequest.setVia(via);
    sipRequest.setMaxForwards(maxForwards);
    sipRequest.setHeader((ContentType) contentType);
    sipRequest.setMessageContent(content);
    if ( userAgent != null ) {
        sipRequest.setHeader(userAgent);
    }
    return sipRequest;
}

/**

```

```

* Creates a new Request message of type specified by the method parameter,
* containing the URI of the Request, the mandatory headers of the message.
* This new Request does not contain a body.
*
* @param requestURI -
*     the new URI object of the requestURI value of this Message.
* @param method -
*     the new string of the method value of this Message.
* @param callId -
*     the new CallIdHeader object of the callId value of this
*     Message.
* @param cSeq -
*     the new CSeqHeader object of the cSeq value of this Message.
* @param from -
*     the new FromHeader object of the from value of this Message.
* @param to -
*     the new ToHeader object of the to value of this Message.
* @param via -
*     the new List object of the ViaHeaders of this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the method.
*/

```

```

public Request createRequest(Uri requestURI, String method,
    CallIdHeader callId, CSeqHeader cSeq, FromHeader from, ToHeader to,
    List via, MaxForwardsHeader maxForwards) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null)
        throw new ParseException(
            "JAIN-SIP Exception, some parameters are missing"
            + ", unable to create the request", 0);

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);
    sipRequest.setCallId(callId);
    sipRequest.setCSeq(cSeq);
    sipRequest.setFrom(from);
    sipRequest.setTo(to);
    sipRequest.setVia(via);
    sipRequest.setMaxForwards(maxForwards);
    if (userAgent != null) {
        sipRequest.setHeader(userAgent);
    }

    return sipRequest;
}

```

```

// Standard Response Creation methods

/**
 * Creates a new Response message of type specified by the statusCode
 * parameter, containing the mandatory headers of the message with a body in
 * the form of a Java object and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @param content -
 *     the new Object of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, Object content,
    ContentTypeHeader contentType) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException(" unable to create the response");

    SIPResponse sipResponse = new SIPResponse();
    StatusLine statusLine = new StatusLine();
    statusLine.setStatusCode(statusCode);
    String reasonPhrase = SIPResponse.getReasonPhrase(statusCode);
    //if (reasonPhrase == null)
    // throw new ParseException(statusCode + " Unkown ", 0);
    statusLine.setReasonPhrase(reasonPhrase);
    sipResponse.setStatusLine(statusLine);
    sipResponse.setCallId(callId);

```



```

sipResponse.setCSeq(cSeq);
sipResponse.setFrom(from);
sipResponse.setTo(to);
sipResponse.setVia(via);
sipResponse.setMaxForwards(maxForwards);
sipResponse.setContent(content, contentType);
if (userAgent != null) {
    sipResponse.setHeader(userAgent);
}
return sipResponse;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * parameter, containing the mandatory headers of the message with a body in
 * the form of a byte array and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @param content -
 *     the new byte array of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, byte[] content,
    ContentTypeHeader contentType) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("Null params ");
}

```

```

SIPResponse sipResponse = new SIPResponse();
sipResponse.setStatusCode(statusCode);
sipResponse.setCallId(callId);
sipResponse.setCSeq(cSeq);
sipResponse.setFrom(from);
sipResponse.setTo(to);
sipResponse.setVia(via);
sipResponse.setMaxForwards(maxForwards);
sipResponse.setHeader((ContentType) contentType);
sipResponse.setMessageContent(content);
if (userAgent != null) {
    sipResponse.setHeader(userAgent);
}
return sipResponse;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * parameter, containing the mandatory headers of the message. This new
 * Response does not contain a body.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode.
 */
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null)
        throw new ParseException(
            "JAIN-SIP Exception, some parameters are missing"
            + ", unable to create the response", 0);

    SIPResponse sipResponse = new SIPResponse();

```

```

sipResponse.setStatusCode(statusCode);
sipResponse.setCallId(callId);
sipResponse.setCSeq(cSeq);
sipResponse.setFrom(from);
sipResponse.setTo(to);
sipResponse.setVia(via);
sipResponse.setMaxForwards(maxForwards);
if (userAgent != null) {
    sipResponse.setHeader(userAgent);
}
return sipResponse;
}

// Response Creation methods based on a Request

/**
 * Creates a new Response message of type specified by the statusCode
 * parameter, based on a specific Request with a new body in the form of a
 * Java object and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param request -
 *     the received Request object upon which to base the Response.
 * @param content -
 *     the new Object of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, Request request,
    ContentTypeHeader contentType, Object content)
    throws ParseException {
    if (request == null || content == null || contentType == null)
        throw new NullPointerException("null parameters");

    SIPRequest sipRequest = (SIPRequest) request;
    SIPResponse sipResponse = sipRequest.createResponse(statusCode);
    sipResponse.setContent(content, contentType);
    if (server != null) {
        sipResponse.setHeader(server);
    }
    return sipResponse;
}

```

```

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, based on a specific Request with a new body in the form of a
 * byte array and the body content type.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param request -
 *     the received Request object upon which to base the Response.
 * @param content -
 *     the new byte array of the body content value of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode or the body.
 */
public Response createResponse(int statusCode, Request request,
    ContentTypeHeader contentType, byte[] content)
    throws ParseException {
    if (request == null || content == null || contentType == null)
        throw new NullPointerException("null Parameters");

    SIPRequest sipRequest = (SIPRequest) request;
    SIPResponse sipResponse = sipRequest.createResponse(statusCode);
    sipResponse.setHeader((ContentType) contentType);
    sipResponse.setMessageContent(content);
    if (server != null) {
        sipResponse.setHeader(server);
    }
    return sipResponse;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, based on a specific Request message. This new Response does
 * not contain a body.
 *
 * @param statusCode -
 *     the new integer of the statusCode value of this Message.
 * @param request -
 *     the received Request object upon which to base the Response.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the statusCode.
 */
public Response createResponse(int statusCode, Request request)

```

```

        throws ParseException {
    if (request == null)
        throw new NullPointerException("null parameters");

    // if (LogWriter.needsLogging)
    // LogWriter.logMessage("createResponse " + request);

    SIPRequest sipRequest = (SIPRequest) request;
    SIPResponse sipResponse = sipRequest.createResponse(statusCode);
    // Remove the content from the message (Bug report from
    // Antonis Karydas.
    sipResponse.removeContent();
    sipResponse.removeHeader(ContentTypeHeader.NAME);
    if (server != null) {
        sipResponse.setHeader(server);
    }
    return sipResponse;
}

/**
 * Creates a new Request message of type specified by the method paramater,
 * containing the URI of the Request, the mandatory headers of the message
 * with a body in the form of a byte array and body content type.
 *
 * @param requestURI -
 *     the new URI object of the requestURI value of this Message.
 * @param method -
 *     the new string of the method value of this Message.
 * @param callId -
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq -
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from -
 *     the new FromHeader object of the from value of this Message.
 * @param to -
 *     the new ToHeader object of the to value of this Message.
 * @param via -
 *     the new List object of the ViaHeaders of this Message.
 * @param contentType -
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.
 * @param content -
 *     the new byte array of the body content value of this Message.
 * @throws ParseException
 *     which signals that an error has been reached unexpectedly
 *     while parsing the method or the body.
 */

```

```

public Request createRequest(javax.sip.address.URI requestURI,
    String method, CallIdHeader callId, CSeqHeader cSeq,
    FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    byte[] content) throws ParseException {
    if (requestURI == null || method == null || callId == null
        || cSeq == null || from == null || to == null || via == null
        || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("missing parameters");

    SIPRequest sipRequest = new SIPRequest();
    sipRequest.setRequestURI(requestURI);
    sipRequest.setMethod(method);
    sipRequest.setCallId(callId);
    sipRequest.setCSeq(cSeq);
    sipRequest.setFrom(from);
    sipRequest.setTo(to);
    sipRequest.setVia(via);
    sipRequest.setMaxForwards(maxForwards);
    sipRequest.setContent(content, contentType);
    if (userAgent != null) {
        sipRequest.setHeader(userAgent);
    }
    return sipRequest;
}

/**
 * Creates a new Response message of type specified by the statusCode
 * paramater, containing the mandatory headers of the message with a body in
 * the form of a Java object and the body content type.
 *
 * @param statusCode
 *     the new integer of the statusCode value of this Message.
 * @param callId
 *     the new CallIdHeader object of the callId value of this
 *     Message.
 * @param cSeq
 *     the new CSeqHeader object of the cSeq value of this Message.
 * @param from
 *     the new FromHeader object of the from value of this Message.
 * @param to
 *     the new ToHeader object of the to value of this Message.
 * @param via
 *     the new List object of the ViaHeaders of this Message.
 * @param contentType
 *     the new ContentTypeHeader object of the content type value of
 *     this Message.

```

```

* @param content
*     the new Object of the body content value of this Message.
* @throws ParseException
*     which signals that an error has been reached unexpectedly
*     while parsing the statusCode or the body.
*/
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    Object content) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("missing parameters");
    SIPResponse sipResponse = new SIPResponse();
    StatusLine statusLine = new StatusLine();
    statusLine.setStatusCode(statusCode);
    String reason = SIPResponse.getReasonPhrase(statusCode);
    if (reason == null)
        throw new ParseException(statusCode + " Unknown", 0);
    statusLine.setReasonPhrase(reason);
    sipResponse.setStatusLine(statusLine);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);
    sipResponse.setTo(to);
    sipResponse.setVia(via);
    sipResponse.setContent(content, contentType);
    if ( userAgent != null) {
        sipResponse.setHeader(userAgent);
    }
    return sipResponse;
}

/**
* Creates a new Response message of type specified by the statusCode
* paramater, containing the mandatory headers of the message with a body in
* the form of a byte array and the body content type.
*
* @param statusCode
*     the new integer of the statusCode value of this Message.
* @param callId
*     the new CallIdHeader object of the callId value of this
*     Message.
* @param cSeq
*     the new CSeqHeader object of the cSeq value of this Message.
* @param from

```

```

*      the new FromHeader object of the from value of this Message.
* @param to
*      the new ToHeader object of the to value of this Message.
* @param via
*      the new List object of the ViaHeaders of this Message.
* @param contentType
*      the new ContentTypeHeader object of the content type value of
*      this Message.
* @param content
*      the new byte array of the body content value of this Message.
* @throws ParseException
*      which signals that an error has been reached unexpectedly
*      while parsing the statusCode or the body.
*/
public Response createResponse(int statusCode, CallIdHeader callId,
    CSeqHeader cSeq, FromHeader from, ToHeader to, List via,
    MaxForwardsHeader maxForwards, ContentTypeHeader contentType,
    byte[] content) throws ParseException {
    if (callId == null || cSeq == null || from == null || to == null
        || via == null || maxForwards == null || content == null
        || contentType == null)
        throw new NullPointerException("missing parameters");
    SIPResponse sipResponse = new SIPResponse();
    StatusLine statusLine = new StatusLine();
    statusLine.setStatusCode(statusCode);
    String reason = SIPResponse.getReasonPhrase(statusCode);
    if (reason == null)
        throw new ParseException(statusCode + " : Unknown", 0);
    statusLine.setReasonPhrase(reason);
    sipResponse.setStatusLine(statusLine);
    sipResponse.setCallId(callId);
    sipResponse.setCSeq(cSeq);
    sipResponse.setFrom(from);
    sipResponse.setTo(to);
    sipResponse.setVia(via);
    sipResponse.setContent(content, contentType);
    if (userAgent != null) {
        sipResponse.setHeader(userAgent);
    }
    return sipResponse;
}

/**
* Create a request from a string. Convenience method for UACs that want to
* create an outgoing request from a string. Only the headers of the request
* should be included in the String that is supplied to this method.
*
* @param requestString --

```



```

*      string from which to create the message null string returns an
*      empty message.
*/
public javax.sip.message.Request createRequest(String requestString)
    throws java.text.ParseException {
    if (requestString == null || requestString.equals("")) {
        SIPRequest retval = new SIPRequest();
        retval.setNullRequest();
        return retval;
    }

    StringMsgParser smp = new StringMsgParser();
    //    smp.setStrict(this.strict);

    /*
    * This allows you to catch parse exceptions and create invalid messages
    * if you want.
    */
    ParseExceptionListener parseExceptionListener = new ParseExceptionListener() {

        public void handleException(ParseException ex,
            SIPMessage sipMessage, Class headerClass,
            String headerText, String messageText)
            throws ParseException {
            // Rethrow the error for the essential headers. Otherwise bad
            // headers are simply
            // recorded in the message.
            if (testing) {
                if (headerClass == From.class || headerClass == To.class
                    || headerClass == CallID.class
                    || headerClass == MaxForwards.class
                    || headerClass == Via.class
                    || headerClass == RequestLine.class
                    || headerClass == StatusLine.class
                    || headerClass == CSeq.class)
                    throw ex;

                sipMessage.addUnparsed(headerText);
            }
        }

    };

    ParseExceptionListener exHandler = null;
    if (this.testing)
        exHandler = parseExceptionListener;

```

```

SIPMessage sipMessage = smp.parseSIPMessage(requestString.getBytes(), true, this.strict, exHandler);

if (!(sipMessage instanceof SIPRequest))
    throw new ParseException(requestString, 0);

return (SIPRequest) sipMessage;
}

/**
 * Create a response from a string
 *
 * @param responseString --
 *     string from which to create the message null string returns an
 *     empty message.
 */
public Response createResponse(String responseString)
    throws java.text.ParseException {
    if (responseString == null)
        return new SIPResponse();

    StringMsgParser smp = new StringMsgParser();

    SIPMessage sipMessage = smp.parseSIPMessage(responseString.getBytes(), true, false, null);

    if (!(sipMessage instanceof SIPResponse))
        throw new ParseException(responseString, 0);

    return (SIPResponse) sipMessage;
}

/**
 * Set the common UserAgent header for all requests created from this message factory.
 * This header is applied to all Messages created from this Factory object except those
 * that take String for an argument and create Message from the given String.
 *
 * @param userAgent -- the user agent header to set.
 *
 * @since 2.0
 */
public void setDefaultUserAgentHeader(UserAgentHeader userAgent) {
    MessageFactoryImpl.userAgent = userAgent;
}

/**
 * Set the common Server header for all responses created from this message factory.
 * This header is applied to all Messages created from this Factory object except those

```

```

* that take String for an argument and create Message from the given String.
*
* @param userAgent -- the user agent header to set.
*
* @since 2.0
*/

public void setDefaultServerHeader(ServerHeader server) {
    MessageFactoryImpl.server = server;
}
/**
 * Get the default common UserAgentHeader.
 *
 * @return the user agent header.
 *
 * @since 2.0
 */
public static UserAgentHeader getDefaultUserAgentHeader() {
    return userAgent;
}

/**
 * Get the default common server header.
 *
 * @return the server header.
 */
public static ServerHeader getDefaultServerHeader() {
    return server;
}

/**
 * Set default charset used for encoding String content.
 * @param charset
 */
public void setDefaultContentEncodingCharset(String charset) throws NullPointerException,
IllegalArgumentException {
    if (charset == null ) throw new NullPointerException ("Null argument!");
    MessageFactoryImpl.defaultContentEncodingCharset = charset;
}

public static String getDefaultContentEncodingCharset() {
    return MessageFactoryImpl.defaultContentEncodingCharset;
}

```

```

public MultipartMimeContent createMultipartMimeContent(ContentTypeHeader multipartMimeCth,
    String[] contentType,
    String[] contentSubtype,
    String[] contentBody) {
    String boundary = multipartMimeCth.getParameter("boundary");
    MultipartMimeContentImpl retval = new MultipartMimeContentImpl(multipartMimeCth);
    for (int i = 0 ; i < contentType.length; i++) {
        ContentTypeHeader cth = new ContentType(contentType[i],contentSubtype[i]);
        ContentImpl contentImpl = new ContentImpl(contentBody[i],boundary);
        contentImpl.setContentTypeHeader(cth);
        retval.add(contentImpl);
    }
    return retval;
}
}

```

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# 1.319 javahelp2 2.0.05.ds1-3

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All files are stored in `debian/icons/`

The Tango base icon theme is released to the Public Domain.

## 1.320 javassist 3.7

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```
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```

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## 1.321 jaxb-api 2.1

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# 1.322 jaxb-impl 2.1.13

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## 1.323 jaxb-xjc 2.1.13

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Streaming API for XML (JSR-173) Specification

Reference Implementation

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/*
 * @(#)UnixCrypt.java 0.9 96/11/25
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```

```
package org.eclipse.jetty.io;
```

```

/* ----- */
/** SimpleBuffers.
 * Simple implementation of Buffers holder.
 *
 */
public class SimpleBuffers implements Buffers
{
    final Buffer _header;
    final Buffer _buffer;
    boolean _headerOut;
    boolean _bufferOut;

    /* ----- */
    /**
     *
     */
    public SimpleBuffers(Buffer header, Buffer buffer)
    {
        _header=header;
        _buffer=buffer;
    }

    /* ----- */
    public Buffer getBuffer()
    {
        synchronized(this)
        {
            if (_buffer!=null && !_bufferOut)
            {
                _bufferOut=true;
                return _buffer;
            }

            if (_buffer!=null && _header!=null && _header.capacity()==_buffer.capacity() && !_headerOut)
            {
                _headerOut=true;
                return _header;
            }

            if (_buffer!=null)
                return new ByteBuffer(_buffer.capacity());
            return new ByteBuffer(4096);
        }
    }

    /* ----- */

```

```

public Buffer getHeader()
{
    synchronized(this)
    {
        if (_header!=null && !_headerOut)
        {
            _headerOut=true;
            return _header;
        }

        if (_buffer!=null && _header!=null && _header.capacity()==_buffer.capacity() && !_bufferOut)
        {
            _bufferOut=true;
            return _buffer;
        }

        if (_header!=null)
            return new ByteBuffer(_header.capacity());
        return new ByteBuffer(4096);
    }
}

/* ----- */
public Buffer getBuffer(int size)
{
    synchronized(this)
    {
        if (_header!=null && _header.capacity()==size)
            return getHeader();
        if (_buffer!=null && _buffer.capacity()==size)
            return getBuffer();
        return null;
    }
}

/* ----- */
public void returnBuffer(Buffer buffer)
{
    synchronized(this)
    {
        buffer.clear();
        if (buffer==_header)
            _headerOut=false;
        if (buffer==_buffer)
            _bufferOut=false;
    }
}

```

}

# 1.338 jetty-http 7.5.3.v20111011

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# 1.339 jetty-io 7.5.3.v20111011

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package org.eclipse.jetty.io;

/* ----- */
/** SimpleBuffers.
 * Simple implementation of Buffers holder.
 *
 *
 */
public class SimpleBuffers implements Buffers
{
    final Buffer _header;
    final Buffer _buffer;
    boolean _headerOut;
    boolean _bufferOut;

    /* ----- */
    /**
     *
     */
    public SimpleBuffers(Buffer header, Buffer buffer)
    {
        _header=header;
        _buffer=buffer;
    }

    /* ----- */
    public Buffer getBuffer()
    {
        synchronized(this)
        {
            if (_buffer!=null && !_bufferOut)
            {
                _bufferOut=true;
                return _buffer;
            }

            if (_buffer!=null && _header!=null && _header.capacity()==_buffer.capacity() && !_headerOut)
            {
                _headerOut=true;
                return _header;
            }
        }
    }
}

```

```

        if (_buffer!=null)
            return new ByteBuffer(_buffer.capacity());
        return new ByteBuffer(4096);
    }
}

/* ----- */
public Buffer getHeader()
{
    synchronized(this)
    {
        if (_header!=null && !_headerOut)
        {
            _headerOut=true;
            return _header;
        }

        if (_buffer!=null && _header!=null && _header.capacity()==_buffer.capacity() && !_bufferOut)
        {
            _bufferOut=true;
            return _buffer;
        }

        if (_header!=null)
            return new ByteBuffer(_header.capacity());
        return new ByteBuffer(4096);
    }
}

/* ----- */
public Buffer getBuffer(int size)
{
    synchronized(this)
    {
        if (_header!=null && _header.capacity()==size)
            return getHeader();
        if (_buffer!=null && _buffer.capacity()==size)
            return getBuffer();
        return null;
    }
}

/* ----- */
public void returnBuffer(Buffer buffer)
{
    synchronized(this)
    {
        buffer.clear();
    }
}

```

```
        if (buffer==_header)
            _headerOut=false;
        if (buffer==_buffer)
            _bufferOut=false;
    }
}

}
```

## 1.340 jetty-util 7.5.3.v20111011

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## 1.344 Jnaerator 0.9.7

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Java Native Access (JNA) (LGPL license, Copyright (c) 2006-2009 Todd Fast, Timothy Wall, Wayne Meissner & others) : patched with support for bit fields in structs

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## 1.352 json 0.9

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*/
```

```
package javax.transaction;
```

```
/**  
* This exception is thrown by the rollback operation on a resource to  
* report that a heuristic decision was made and that all relevant updates  
* have been committed.  
*/
```

```

public class HeuristicCommitException extends java.lang.Exception
{
    public HeuristicCommitException()
    {
        super();
    }

    public HeuristicCommitException(String msg)
    {
        super(msg);
    }
}

```

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Version 2.1, February 1999

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# 1.360 Junit 4.8.2

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/\* zlib.h -- interface of the 'zlib' general purpose compression library

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

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*  
\*  
\*  
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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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under certain conditions; type `show c' for details.
```

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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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```
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#
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#
# As a special exception to the GNU General Public License, if you
# distribute this file as part of a program that contains a
# configuration script generated by Autoconf, you may include it under
# the same distribution terms that you use for the rest of that program.
#
# Originally written by Per Bothner <per@bothner.com>.
# Please send patches to <config-patches@gnu.org>. Submit a context
# diff and a properly formatted ChangeLog entry.
#
# This script attempts to guess a canonical system name similar to
# config.sub. If it succeeds, it prints the system name on stdout, and
# exits with 0. Otherwise, it exits with 1.
#
# The plan is that this can be called by configure scripts if you
# don't specify an explicit build system type.
```

# 1.364 keyutils 1.4-1

## 1.364.1 Available under license :

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Version 2, June 1991

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Appendix: How to Apply These Terms to Your New Programs

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

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

```
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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.

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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(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

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

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

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

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

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

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

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

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

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

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

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## 1.365 keyutils 1.4 :3.el6

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

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

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## 1.366 keyutils\_lgpl 1.4 :3.el6

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## 1.369 krb5 1.10.3 :33.e16

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\pard\nowidctlpar\tx916\tx1832\tx2748\tx3664\tx4580\tx5496\tx6412\tx7328\tx8244\tx9160\tx10076\tx10992\tx11908\tx12824\tx13740\tx14656\f0\fs20\par

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5.41.15.1503;}\viewkind4\uc1\pard\tx916\tx1832\tx2748\tx3664\tx4580\tx5496\tx6412\tx7328\tx8244\tx9160\tx10076\tx10992\tx11908\tx12824\tx13740\tx14656\fs20 Copyright Notice and Legal Administrivia\par

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cmd/krb5/slave/kpropd\_rpc.c  
lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c  
lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h  
lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c  
lib/krb5/kadm5/kadm\_host\_srv\_names.c  
lib/krb5/kdb/kdb\_convert.c  
lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h  
lib/libgss/g\_accept\_sec\_context.c  
lib/libgss/g\_acquire\_cred.c  
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lib/libgss/g\_compare\_name.c  
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lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
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lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
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lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
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@smallexample

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
@end smallexample
```

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```
@smallexample
include/iprof_hdr.h
kadmin/server/iprofd_svc.c
lib/kdb/iprof.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
@end smallexample
```

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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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*/
```

```
#include "krb5.h"
#include <stdio.h>
#include <string.h>
```

```
extern int optind;
extern char *optarg;
```

```
static char *prog;
```

```
static void
xusage(void)
{
    fprintf(stderr, "xusage: %s [-c ccache]\n", prog);
    exit(1);
}
```

```
void
main(
    int argc,
    char *argv[]
)
{
```

```

krb5_context kcontext;
krb5_error_code code;
krb5_ccache ccache=NULL;
krb5_ccache mlsa_ccache=NULL;
krb5_cc_cursor cursor;
krb5_creds creds;
krb5_principal princ;
int initial_ticket = 0;
int option;
char * ccachestr = 0;

prog = strchr(argv[0], '/');
prog = prog ? (prog + 1) : argv[0];

while ((option = getopt(argc, argv, "c:h")) != -1) {
    switch (option) {
        case 'c':
            ccachestr = optarg;
            break;
        case 'h':
        default:
            xusage();
            break;
    }
}

if (code = krb5_init_context(&kcontext)) {
    com_err(argv[0], code, "while initializing kerberos library");
    exit(1);
}

if (code = krb5_cc_resolve(kcontext, "MSLSA:", &mlsa_ccache)) {
    com_err(argv[0], code, "while opening MS LSA ccache");
    krb5_free_context(kcontext);
    exit(1);
}

if (code = krb5_cc_set_flags(kcontext, mlsa_ccache, KRB5_TC_NOTICKET)) {
    com_err(argv[0], code, "while setting KRB5_TC_NOTICKET flag");
    krb5_cc_close(kcontext, mlsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

/* Enumerate tickets from cache looking for an initial ticket */
if ((code = krb5_cc_start_seq_get(kcontext, mlsa_ccache, &cursor)) {
    com_err(argv[0], code, "while initiating the cred sequence of MS LSA ccache");
    krb5_cc_close(kcontext, mlsa_ccache);
}

```

```

    krb5_free_context(kcontext);
    exit(1);
}

while (!(code = krb5_cc_next_cred(kcontext, mslsa_ccache, &cursor, &creds)))
{
    if ( creds.ticket_flags & TKT_FLG_INITIAL ) {
        krb5_free_cred_contents(kcontext, &creds);
        initial_ticket = 1;
        break;
    }
    krb5_free_cred_contents(kcontext, &creds);
}
krb5_cc_end_seq_get(kcontext, mslsa_ccache, &cursor);

if (code = krb5_cc_set_flags(kcontext, mslsa_ccache, 0)) {
    com_err(argv[0], code, "while clearing flags");
    krb5_cc_close(kcontext, mslsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

if ( !initial_ticket ) {
    fprintf(stderr, "%s: Initial Ticket Getting Tickets are not available from the MS LSA\n",
        argv[0]);
    krb5_cc_close(kcontext, mslsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

if (code = krb5_cc_get_principal(kcontext, mslsa_ccache, &princ)) {
    com_err(argv[0], code, "while obtaining MS LSA principal");
    krb5_cc_close(kcontext, mslsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

if (ccachestr)
    code = krb5_cc_resolve(kcontext, ccachestr, &ccache);
else
    code = krb5_cc_default(kcontext, &ccache);
if (code) {
    com_err(argv[0], code, "while getting default ccache");
    krb5_free_principal(kcontext, princ);
    krb5_cc_close(kcontext, mslsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

```

```

if (code = krb5_cc_initialize(kcontext, ccache, princ)) {
    com_err (argv[0], code, "when initializing ccache");
    krb5_free_principal(kcontext, princ);
    krb5_cc_close(kcontext, mslsa_ccache);
    krb5_cc_close(kcontext, ccache);
    krb5_free_context(kcontext);
    exit(1);
}

if (code = krb5_cc_copy_creds(kcontext, mslsa_ccache, ccache)) {
    com_err (argv[0], code, "while copying MS LSA ccache to default ccache");
    krb5_free_principal(kcontext, princ);
    krb5_cc_close(kcontext, ccache);
    krb5_cc_close(kcontext, mslsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

krb5_free_principal(kcontext, princ);
krb5_cc_close(kcontext, ccache);
krb5_cc_close(kcontext, mslsa_ccache);
krb5_free_context(kcontext);
return(0);
}
/* windows/ms2mit/mit2ms.c */
/*
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*/

```

```

#include "krb5.h"
#include <stdio.h>
#include <string.h>

extern int optind;
extern char *optarg;

static char *prog;

static void
xusage(void)
{
    fprintf(stderr, "xusage: %s [-c ccache]\n", prog);
    exit(1);
}

void
main(
    int argc,
    char *argv[]
)
{
    krb5_context kcontext;
    krb5_error_code code;
    krb5_ccache ccache=NULL;
    krb5_ccache mslsa_ccache=NULL;
    krb5_cc_cursor cursor;
    krb5_creds creds;
    krb5_principal princ;
    int initial_ticket = 0;
    int option;
    char * ccachestr = 0;

    prog = strchr(argv[0], '/');
    prog = prog ? (prog + 1) : argv[0];

    while ((option = getopt(argc, argv, "c:h")) != -1) {
        switch (option) {
            case 'c':
                ccachestr = optarg;
                break;
            case 'h':
            default:
                xusage();
                break;
        }
    }
}

```

```

if (code = krb5_init_context(&kcontext)) {
    com_err(argv[0], code, "while initializing kerberos library");
    exit(1);
}

if (ccachestr)
    code = krb5_cc_resolve(kcontext, ccachestr, &ccache);
else
    code = krb5_cc_default(kcontext, &ccache);
if (code) {
    com_err(argv[0], code, "while getting default ccache");
    krb5_free_principal(kcontext, princ);
    krb5_free_context(kcontext);
    exit(1);
}

/* Enumerate tickets from cache looking for an initial ticket */
if ((code = krb5_cc_start_seq_get(kcontext, ccache, &cursor))) {
    com_err(argv[0], code, "while initiating the cred sequence of MS LSA ccache");
    krb5_cc_close(kcontext, ccache);
    krb5_free_context(kcontext);
    exit(1);
}

while (!(code = krb5_cc_next_cred(kcontext, ccache, &cursor, &creds)))
{
    if ( creds.ticket_flags & TKT_FLG_INITIAL ) {
        krb5_free_cred_contents(kcontext, &creds);
        initial_ticket = 1;
        break;
    }
    krb5_free_cred_contents(kcontext, &creds);
}
krb5_cc_end_seq_get(kcontext, ccache, &cursor);

if ( !initial_ticket ) {
    fprintf(stderr, "%s: Initial Ticket Getting Tickets are not available from the MIT default cache\n",
        argv[0]);
    krb5_cc_close(kcontext, ccache);
    krb5_free_context(kcontext);
    exit(1);
}

if (code = krb5_cc_get_principal(kcontext, ccache, &princ)) {
    com_err(argv[0], code, "while obtaining default MIT principal");
    krb5_cc_close(kcontext, ccache);
    krb5_free_context(kcontext);
}

```



```

    exit(1);
}

if (code = krb5_cc_resolve(kcontext, "MSLSA:", &msslsa_ccache)) {
    com_err(argv[0], code, "while opening MS LSA ccache");
    krb5_cc_close(kcontext, ccache);
    krb5_free_context(kcontext);
    exit(1);
}

if (code = krb5_cc_copy_creds(kcontext, ccache, msslsa_ccache)) {
    com_err(argv[0], code, "while copying default MIT ccache to MSLSA ccache");
    krb5_free_principal(kcontext, princ);
    krb5_cc_close(kcontext, ccache);
    krb5_cc_close(kcontext, msslsa_ccache);
    krb5_free_context(kcontext);
    exit(1);
}

krb5_free_principal(kcontext, princ);
krb5_cc_close(kcontext, ccache);
krb5_cc_close(kcontext, msslsa_ccache);
krb5_free_context(kcontext);
return(0);
}
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<meta http-equiv="Content-Type"
content="text/html; charset=Windows-1252">
<title>Leash Copyright</title>
</head>
<body bgcolor="#ffffff" text="#000000">
<object type="application/x-oleobject"
classid="clsid:1e2a7bd0-dab9-11d0-b93a-00c04fc99f9e"> <param
name="Keyword" value="copyright, Leash">
</object>
<p></p>
<h1><a name="id_help_lcopyright"></a>Leash Copyright</h1>
<p></p>
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</body>
</html>
/* A Bison parser, made by GNU Bison 2.4.3. */
```

```
/* Skeleton implementation for Bison's Yacc-like parsers in C
```

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```
/* As a special exception, you may create a larger work that contains
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under terms of your choice, so long as that work isn't itself a
parser generator using the skeleton or a modified version thereof
as a parser skeleton. Alternatively, if you modify or redistribute
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```

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/\* C LALR(1) parser skeleton written by Richard Stallman, by simplifying the original so-called "semantic" parser. \*/

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@smallexample

lib/gssapi/generic/gssapi\_err\_generic.et

lib/gssapi/mechglue/g\_accept\_sec\_context.c

lib/gssapi/mechglue/g\_acquire\_cred.c

lib/gssapi/mechglue/g\_canon\_name.c

lib/gssapi/mechglue/g\_compare\_name.c

lib/gssapi/mechglue/g\_context\_time.c

lib/gssapi/mechglue/g\_delete\_sec\_context.c

lib/gssapi/mechglue/g\_dsp\_name.c

lib/gssapi/mechglue/g\_dsp\_status.c

lib/gssapi/mechglue/g\_dup\_name.c

lib/gssapi/mechglue/g\_exp\_sec\_context.c

lib/gssapi/mechglue/g\_export\_name.c

lib/gssapi/mechglue/g\_glue.c

lib/gssapi/mechglue/g\_imp\_name.c

lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c  
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cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/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  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
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lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
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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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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in ``src/lib/gssapi'`, including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et

slave/kpropd\_rpc.c  
slave/kproplog.c

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cmd/krb5/iprof/iprof_hdr.h
cmd/krb5/kadmin/server/iprofd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/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_delete_sec_context.c
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lib/libgss/g_export_name.c
lib/libgss/g_glue.c
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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  
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@settitle Copyright and Other Legal Notices
@paragraphindent 0
@exampleindent 2
@documentencoding UTF-8
@node Top, , (dir), (dir)
@comment node-name, next, previous, up
@include definitions.texinfo
@include copyright.texinfo
@iftex
@begingroup
@smallfonts @rm
@end iftex
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lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c



lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c  
lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
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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  
@end smallexample

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@smallexample  
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kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c  
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/\* A Bison parser, made by GNU Bison 2.4.3. \*/

/\* Skeleton implementation for Bison's Yacc-like parsers in C

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/\* C LALR(1) parser skeleton written by Richard Stallman, by simplifying the original so-called "semantic" parser. \*/

/\* All symbols defined below should begin with yy or YY, to avoid infringing on user name space. This should be done even for local

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There are some unavoidable exceptions within include files to  
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/\* Identify Bison output. \*/

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- lib/gssapi/generic/gssapi\_err\_generic.et
- lib/gssapi/mechglue/g\_accept\_sec\_context.c
- lib/gssapi/mechglue/g\_acquire\_cred.c
- lib/gssapi/mechglue/g\_canon\_name.c
- lib/gssapi/mechglue/g\_compare\_name.c
- lib/gssapi/mechglue/g\_context\_time.c
- lib/gssapi/mechglue/g\_delete\_sec\_context.c
- lib/gssapi/mechglue/g\_dsp\_name.c
- lib/gssapi/mechglue/g\_dsp\_status.c
- lib/gssapi/mechglue/g\_dup\_name.c
- lib/gssapi/mechglue/g\_exp\_sec\_context.c
- lib/gssapi/mechglue/g\_export\_name.c
- lib/gssapi/mechglue/g\_glue.c
- lib/gssapi/mechglue/g\_imp\_name.c
- lib/gssapi/mechglue/g\_imp\_sec\_context.c
- lib/gssapi/mechglue/g\_init\_sec\_context.c
- lib/gssapi/mechglue/g\_initialize.c
- lib/gssapi/mechglue/g\_inquire\_context.c
- lib/gssapi/mechglue/g\_inquire\_cred.c
- lib/gssapi/mechglue/g\_inquire\_names.c
- lib/gssapi/mechglue/g\_process\_context.c
- lib/gssapi/mechglue/g\_rel\_buffer.c
- lib/gssapi/mechglue/g\_rel\_cred.c
- lib/gssapi/mechglue/g\_rel\_name.c
- lib/gssapi/mechglue/g\_rel\_oid\_set.c
- lib/gssapi/mechglue/g\_seal.c
- lib/gssapi/mechglue/g\_sign.c
- lib/gssapi/mechglue/g\_store\_cred.c
- lib/gssapi/mechglue/g\_unseal.c
- lib/gssapi/mechglue/g\_userok.c
- lib/gssapi/mechglue/g\_utils.c
- lib/gssapi/mechglue/g\_verify.c

lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

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

include/iprof\_hdr.h  
kadmin/server/iprofd\_svc.c  
lib/kdb/iprof.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/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
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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
@end smallexample
```

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

```
@smallexample
include/iprof_hdr.h
```

kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
slave/kpropd\_rpc.c  
slave/kproplog.c  
@end smallexample

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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

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/\* A Bison parser, made by GNU Bison 2.4.3. \*/

/\* Skeleton implementation for Bison's Yacc-like parsers in C

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```
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# 1.373 ksh 20100621 :16.el6

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# 1.374 less 436 :10.el6

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Version 3, 29 June 2007

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under certain conditions; type `show c' for details.
```

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```
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```

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## 1.381 libauthen-pam-perl 0.16-2

### 1.381.1 Available under license :

Authen::PAM

Version 0.16

2005-Sep-20

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## DESCRIPTION

=====

This module provides a Perl interface to the PAM library.

Home site: <<http://nik.pelov.name/Authen-PAM/>>

After installing the module you can read a small faq with examples by typing 'perldoc Authen::PAM::FAQ'.

## PREREQUISITES

=====

Before you can build Authen::PAM you need to have the following things installed on your system:

- \* Perl, at least version 5.003\_23
- \* This module is known to work with the following or newer implementations of the PAM library:
  - Linux-PAM <<http://www.kernel.org/pub/linux/libs/pam/>>
  - Solaris 2.6
  - FreeBSD 3.1
  - OpenPAM <<http://openpam.sourceforge.net/>>
  - HP-UX 11.0
  - Darwin 6.0 and Mac OS X 10.2

## BUILDING AND INSTALLING THE MODULE

=====

Assuming you have met all the prerequisites, you can build the module using the standard sequence of commands:

```
perl Makefile.PL
make
make test
make install
```

By default the module is build using the compiler and options used to build the perl executable itself. If you want to change the C compiler then set the CC environment variable, for example like this:

```
CC=gcc perl Makefile.PL
```

However, besides changing the compiler, it is still not possible to change

any other options (for example CFLAGS). If you want to do this then you should edit by hand the generated Makefile.

If you have any problems in building and installing the module then you should first check on the home page of the Authen::PAM module for the latest development version (if any) which could possibly fix your problems. If none is available or the problems remain then you can write me a mail which includes the following information:

- \* the version of your unix - `uname -a`
- \* the configuration of the perl - `perl -V`
- \* if you are on linux:
  - the name and version of the distribution you are using
  - the version of the pam - `ls /lib/libpam.so\*` or `ls /usr/lib/libpam.so\*`
- \* the description of the "login" service from your pam configuration - usually found in `/etc/pam.conf` file or in the file `/etc/pam.d/login`
- \* the output of the `perl Makefile.PL`, `make` and `make test`
- \* any relevant messages produced by the syslogd daemon - usually found in `/var/log/messages`
- \* if the problem is in a perl script which uses the Authen::PAM module then the source of this script (even if it is a slight modification of some of the source code provided with this module)

## KNOWN PROBLEMS

=====

### Missing PAM header files

-----

I know that this is trivial, but some people actually report this.

If you get an error like

```
PAM.xs:11: security/pam_appl.h: No such file or directory
```

this means that either you don't have the PAM library installed on your system or at least the PAM header files are missing. If your distribution provides the PAM library as packages then you should check that you also have installed the pam-dev or pam-devel package.

### FreeBSD 4.x

-----

Several people have reported the following error during 'make test':

```
not ok 10 (28 - Module is unknown)
```

I've tracked down the problem to the dynamic loader of FreeBSD not exporting some symbols in dlopen()'d modules. I've submitted a bug report - <http://www.freebsd.org/cgi/query-pr.cgi?pr=25059>

It seems that this bug has been fixed already and starting



from the next release of FreeBSD (probably 4.6) the module should work again.

#### Solaris 2.8

-----

Some users are reporting the following error during 'make test':

Segmentation Fault - core dumped

make: \*\*\* [test\_dynamic] Error 139

The problem seems to be related with the use of Kerberos authentication (pam\_krb5 or pam\_krb54). At this moment I don't have any explanation for it.

#### Login Restrictions

-----

Most of the current configurations of the 'login' service include a module 'pam\_securetty' or 'pam\_access' which restrict the login of some users (especially root) depending on the tty or the host name they are logging from. The configuration files of these two modules are /etc/securetty and /etc/security/access.conf respectively.

So, if you are running 'make test' and get an error '(Authentication failure)' on test 10 then this might be due to login restrictions of PAM.

#### Deprecated

-----

The following problems occurred on old versions of libraries and OSes and are not included in the README file anymore. If you experience them, check the README file in older versions of the PAM library (0.14 or less).

- Solaris 2.6 buggy PAM library
- Perl 5.004\_03
- RedHat 6.1 (Authentication failure)
- RedHat 8.0 (Segmentation fault (core dumped))

#### AUTHOR

=====

Nikolay Pelov <NIKIP at cpan dot org>

Web page: <<http://nik.pelov.name/Authen-PAM/>>

# 1.382 libbsd 0.4.2-1

## 1.382.1 Available under license :

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This code is derived from section 17.1 of Applied Cryptography, second edition, which describes a stream cipher allegedly compatible with RSA Labs "RC4" cipher (the actual description of which is a trade secret). The same algorithm is used as a stream cipher called "arcfour" in Tatu Ylonen's ssh package.

Here the stream cipher has been modified always to include the time when initializing the state. That makes it impossible to regenerate the same random sequence twice, so this can't be used for encryption, but will generate good random numbers.

RC4 is a registered trademark of RSA Laboratories.

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This code implements the MD5 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish.

Equivalent code is available from RSA Data Security, Inc. This code has been tested against that, and is equivalent, except that you don't need to include two pages of legalese with every copy.

To compute the message digest of a chunk of bytes, declare an MD5Context structure, pass it to MD5Init, call MD5Update as needed on buffers full of bytes, and then call MD5Final, which will fill a supplied 16-byte array with the digest.

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This code is derived from section 17.1 of Applied Cryptography,  
second edition, which describes a stream cipher allegedly  
compatible with RSA Labs "RC4" cipher (the actual description of  
which is a trade secret). The same algorithm is used as a stream  
cipher called "arcfour" in Tatu Ylonen's ssh package.

Here the stream cipher has been modified always to include the time when initializing the state. That makes it impossible to regenerate the same random sequence twice, so this can't be used for encryption, but will generate good random numbers.

RC4 is a registered trademark of RSA Laboratories.

--

This code implements the MD5 message-digest algorithm. The algorithm is due to Ron Rivest. This code was written by Colin Plumb in 1993, no copyright is claimed. This code is in the public domain; do with it what you wish.

Equivalent code is available from RSA Data Security, Inc. This code has been tested against that, and is equivalent, except that you don't need to include two pages of legalese with every copy.

To compute the message digest of a chunk of bytes, declare an MD5Context structure, pass it to MD5Init, call MD5Update as needed on buffers full of bytes, and then call MD5Final, which will fill a supplied 16-byte array with the digest.

--

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That's all there is to it!

# 1.389 libclass-isa-perl 0.36 :Dominic Hargreaves 24 Nov 2011

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# 1.390 libclass-load-perl 0.17 :Angel Abad 13 Feb 2012

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Shawn M Moore <sartak@bestpractical.com>

Source: <http://search.cpan.org/dist/Class-Load/>

Name: Class-Load

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The End

## 1.391 libcrypt-ssleay-perl 0.57-2

## 1.392 libcurl 7.19.7 :37.el6\_4

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Summary: A utility for getting files from remote servers (FTP, HTTP, and others)

Name: curl

Version: 7.19.7

Release: 37% {?dist}

License: MIT

Group: Applications/Internet

Source: <http://curl.haxx.se/download/%{name}-%{version}.tar.lzma>

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## 1.397 libdrm 2.4.21-1~squeeze3

# 1.398 libdrm 2.4.25 :2.el6

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```
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*
* DESCRIPTION
*
* This file contains a straightforward skip list implementation.n
*
* FUTURE ENHANCEMENTS
*
* REFERENCES
*
* [Pugh90] William Pugh. Skip Lists: A Probabilistic Alternative to
* Balanced Trees. CACM 33(6), June 1990, pp. 668-676.
*
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## 1.401 libencode-locale-perl 1.03-1

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Format: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=174>

Upstream-Contact: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/Encode-Locale/>

Upstream-Name: Encode-Locale

Files: \*

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@center NO WARRANTY

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@page

@unnumberedsec Appendix: How to Apply These Terms to Your New Programs

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

@smallexample

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

Copyright (C) @var{year} @var{name of author}

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@end smallexample

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

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

@smallexample

Gnomovision version 69, Copyright (C) @var{year} @var{name of author}

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

@end smallexample

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

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

@example

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

@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

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@c man end

@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

@c man end

@c man begin COPYRIGHT

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@c man end

@end ignore

@node Copying

@c man begin DESCRIPTION

@unnumbered GNU General Public License

@center Version 3, 29 June 2007

@c This file is intended to be included in another file.

@display

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@end display

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@item

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.

@item

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

@item

Convey the object code by offering access from a designated place

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@item

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@smallexample

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

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@end smallexample

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
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This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample
```

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```
@c man end
@ignore
@c Set file name and title for man page.
@setfilename gfdl
@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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```

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@c man end

@end ignore

@c Special handling for inclusion in the install manual.

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@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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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 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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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.

@iftex

@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end iftex

@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@end ifinfo

@enumerate 0

@item

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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.

@item

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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.

@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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@item

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.

@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:

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@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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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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@center NO WARRANTY

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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

@end ifinfo

@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!

```
# Copyright (C) 2010 Free Software Foundation, Inc.
#
# This file is part of GCC.
#
# GCC 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.
#
# GCC 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 GCC; see the file COPYING3. If not see
# <http://www.gnu.org/licenses/>.

# 128 bit long double support was introduced with GCC 4.6.0 for FreeBSD.
# These lines make the symbols to get a @@GCC_4.6.0.
```

```
%exclude {
__addtf3
__copysigntf3
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsft2
__extendxft2
__fabstf2
__fixtfdi
__fixtfsi
__fixtfti
__fixunstfdi
__fixunstfsi
__fixunstfti
__floatditf
__floatsitf
__floattftf
__floatunditf
```

```
__floatunsitf
__floatuntitf
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}
```

```
GCC_4.6.0 {
__addtf3
#ifdef __x86_64__
__copysigntf3
#endif
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
#ifdef __x86_64__
__fabstf2
#endif
__fixtfdi
__fixtfsi
#ifdef __x86_64__
__fixtfti
#endif
__fixunstfdi
__fixunstfsi
#ifdef __x86_64__
__fixunstfti
#endif
__floatditf
__floatsitf
#ifdef __x86_64__
__floattitf
#endif
__floatunditf
}
```

```
__floatunsitf
#ifdef __x86_64__
__floatuntitf
#endif
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
__netf2
__powitf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}
```

#### GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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

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

#### 0. Definitions.

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

"GCC" means a version of the GNU Compiler Collection, with or without

modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

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

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

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

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You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

#### 2. No Weakening of GCC Copyleft.

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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

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

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

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

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

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

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



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^L

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.

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\* m4/ax\_func\_which\_gethostbyname\_r.m4

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```

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## 1.412 libgpg-error 1.7 :4.el6

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

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

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Upstream-Contact: Christopher J. Madsen

Source: <http://search.cpan.org/dist/HTML-Tree/>

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# 1.417 libhttp-cookies-perl 6.00-2

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# 1.418 libhttp-daemon-perl 6.01 :2012-02-18

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#### AUTHOR

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## 1.422 libhttp-server-simple-perl 0.44-1

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Maintainer: Jesse Vincent <jesse+cpan@fsck.com>

Source: <http://search.cpan.org/dist/HTTP-Server-Simple/>

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Upstream-Name: Libidn

Upstream-Contact: Simon Josefsson <[simon@josefsson.org](mailto:simon@josefsson.org)>

Source: <https://www.gnu.org/software/libidn/>

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## 1.428 Libidn - cli 0.52

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notice like this when it starts in an interactive mode:

```
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```

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## 1.430 libio-pty-perl 1:1.08-1

# 1.431 libio-socket-ssl-perl 1.76 :2012.06.18

## 1.431.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: IO-Socket-SSL

Upstream-Contact: Steffen Ullrich

Peter Behroozi

Marko Asplund

Source: <http://search.cpan.org/dist/IO-Socket-SSL/>

Files: \*

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## 1.432 libjpeg-turbo 1.2.1 :3.el6\_5

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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 official ISO JPEG standards committee.

## DOCUMENTATION ROADMAP

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This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

libjpeg.txt   How to use the JPEG library in your own programs.  
example.c     Sample code for calling the JPEG library.  
structure.txt Overview of the JPEG library's internal structure.  
filelist.txt   Road map of IJG files.  
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

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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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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](http://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/](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](mailto:mail-server@rtfm.mit.edu) with body

send usenet/news.answers/jpeg-faq/part1

send usenet/news.answers/jpeg-faq/part2

## FILE FORMAT WARS

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The ISO JPEG standards committee actually promotes different formats like "JPEG 2000" or "JPEG XR", which are incompatible with original DCT-based JPEG. IJG therefore does not support these formats (see REFERENCES). Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

## TO DO

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Please send bug reports, offers of help, etc. to [jpeg-info@jpegclub.org](mailto:jpeg-info@jpegclub.org).

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/\*

\* jQuery JavaScript Library v1.3.2

\* <http://jquery.com/>

\*

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\*

\* Date: 2009-02-19 17:34:21 -0500 (Thu, 19 Feb 2009)

\* Revision: 6246

\*/

// Search script generated by doxygen

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## 1.433 libjpeg-turbo/GPLv2 1.2.1 :3.el6\_5

### 1.433.1 Available under license :

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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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school, if any, to sign a "copyright disclaimer" for the program, if  
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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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```
// Search script generated by doxygen  
// Copyright (C) 2009 by Dimitri van Heesch.
```

```
// The code in this file is loosely based on main.js, part of Natural Docs,  
// which is Copyright (C) 2003-2008 Greg Valure  
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```

# 1.434 libjpeg8 8d-1

## 1.434.1 Available under license :

This is Debian's prepackaged version of the 'jpeg library' by the Independent JPEG Group.

This package was created by Mark Mickan <mmickan@debian.org> from sources which can be found at <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>

It is partly based on the libjpeg6a package originally put together by Andy Guy <awpguy@acs.ucalgary.ca> and later maintained by Mark Mickan.

Current Debian maintainer is Bill Allombert <ballombe@debian.org>.

LEGAL ISSUES [ from README supplied with source - MM ]

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Maintainer: Phillip Vandry <[vandry@TZoNE.ORG](mailto:vandry@TZoNE.ORG)>

Source: <http://search.cpan.org/dist/Locale-gettext/>

Name: Locale-gettext

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Upstream-Contact: Dave Rolsky <autarch@urth.org>

Source: <http://search.cpan.org/dist/Log-Dispatch/>

Upstream-Name: Log-Dispatch

Files: \*

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Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/LWP-MediaTypes/>

Name: LWP-MediaTypes

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Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

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# 1.442 libnet 1.1.5 :2004/03/01 20:26:11 mike

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# 1.445 libnet-ssleay-perl 1.36-1

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Upstream-Name: Net-SSLeay

Upstream-Contact: Florian Ragwitz <rafl@debian.org>

Mike McCauley <mikem@open.com.au>

Source: <http://search.cpan.org/dist/Net-SSLeay/>

Files: \*

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Copyright: 2004-2010, Marcus Holland-Moritz <mhx-cpan@gmx.net>

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# Please send patches to <config-patches@gnu.org>. Submit a context
# diff and a properly formatted ChangeLog entry.
#
# Configuration subroutine to validate and canonicalize a configuration type.
# Supply the specified configuration type as an argument.
# If it is invalid, we print an error message on stderr and exit with code 1.
# Otherwise, we print the canonical config type on stdout and succeed.

# This file is supposed to be the same for all GNU packages
# and recognize all the CPU types, system types and aliases
# that are meaningful with *any* GNU software.
# Each package is responsible for reporting which valid configurations
# it does not support. The user should be able to distinguish
# a failure to support a valid configuration from a meaningless
# configuration.

# The goal of this file is to map all the various variations of a given
# machine specification into a single specification in the form:
# CPU_TYPE-MANUFACTURER-OPERATING_SYSTEM
# or in some cases, the newer four-part form:
# CPU_TYPE-MANUFACTURER-KERNEL-OPERATING_SYSTEM
# It is wrong to echo any other type of specification
/* nih-dbus-tool
*
* annotation.c - annotation parsing and handling
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It was downloaded from <http://ftp.mozilla.org/pub/mozilla.org/nspr/>

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## 0.04-1

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Upstream-Contact: Dave Rolsky <autarch@urth.org>

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Maintainer: Andrew Main (Zefram) <zefram@fysh.org>

Source: <http://search.cpan.org/dist/Params-Classify/>

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It was downloaded from <http://tcpdump.org/release/libpcap-0.8.3.tar.gz>

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# 1.458 libpcap 1.0.0 :6.20091201git117cb5.e16

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\*  
\* @(#) \$Header: /tcpdump/master/libpcap/pcap-namedb.h,v 1.13 2006-10-04 18:13:32 guy Exp \$ (LBL)  
\*/

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

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

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

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

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

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

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

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

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

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

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

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in

non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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

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

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

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

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

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

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

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

therefore falls outside the scope of this License.

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

Section 6 states terms for distribution of such executables.

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

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

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

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

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

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

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

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

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

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# 1.466 libsepol 2.0.41 :4.el6

## 1.466.1 Available under license :

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

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```
# Calling this script install-sh is preferred over install.sh, to prevent
```

```
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```

```
# when there is no Makefile.
```

```
#
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# 1.470 libsm 2:1.1.1-1

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Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB\_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	2176.00	5994.67	8079.73	8845.18	9077.01
mdc2	5730.67	6122.67	6167.66	6176.51	6174.87
md5	29.10k	127.31k	209.66k	250.50k	263.99k
hmac(md5)	12.33k	73.02k	160.17k	228.04k	261.15k
sha1	11.27k	49.37k	84.31k	102.40k	109.23k

rmd160	11.69k	48.62k	78.76k	93.15k	98.41k
rc4	117.96k	148.94k	152.57k	153.09k	152.92k
des cbc	27.13k	30.06k	30.38k	30.38k	30.53k
des ede3	10.51k	10.94k	11.01k	11.01k	11.01k
idea cbc	26.74k	29.23k	29.45k	29.60k	29.74k
rc2 cbc	34.27k	39.39k	40.03k	40.07k	40.16k
rc5-32/12 cbc	64.31k	83.18k	85.70k	86.70k	87.09k
blowfish cbc	48.86k	59.18k	60.07k	60.42k	60.78k
cast cbc	42.67k	50.01k	50.86k	51.20k	51.37k

sign verify sign/s verify/s

rsa 512 bits	0.7738s	0.0774s	1.3	12.9
rsa 1024 bits	4.3967s	0.2615s	0.2	3.8
rsa 2048 bits	29.5200s	0.9664s	0.0	1.0

sign verify sign/s verify/s

dsa 512 bits	0.7862s	0.9709s	1.3	1.0
dsa 1024 bits	2.5375s	3.1625s	0.4	0.3
dsa 2048 bits	9.2150s	11.8200s	0.1	0.1

Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D\_ANSI\_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	130.99k	367.68k	499.09k	547.04k	566.50k
md5	1924.98k	8293.50k	13464.41k	16010.39k	16820.68k
sha	1250.75k	5330.43k	8636.88k	10227.36k	10779.14k
sha1	1071.55k	4572.50k	7459.98k	8791.96k	9341.61k
rc4	10724.22k	14546.25k	15240.18k	15259.50k	15265.63k
des cbc	3309.11k	3883.01k	3968.25k	3971.86k	3979.14k
des ede3	1442.98k	1548.33k	1562.48k	1562.00k	1563.33k
idea cbc	2195.69k	2506.39k	2529.59k	2545.66k	2546.54k
rc2 cbc	806.00k	833.52k	837.58k	838.52k	836.69k
blowfish cbc	4687.34k	5949.97k	6182.43k	6248.11k	6226.09k
rsa 512 bits	0.010s				
rsa 1024 bits	0.045s				
rsa 2048 bits	0.260s				
rsa 4096 bits	1.690s				

This package was debianized by Christoph Martin martin@uni-mainz.de on  
Fri, 22 Nov 1996 21:29:51 +0100.

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

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

```
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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```

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:

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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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Version 3, 29 June 2007

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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.

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```

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```
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```

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Ty Coon, President of Vice

That's all there is to it!

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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```

```
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__divtc3
__divtf3
__eqtf2
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__fabstf2
__fixtfdi
__fixtfsi
__fixtfti
__fixunstfdi
__fixunstfsi
__fixunstfti
__floatditf
__floatsitf
__floattitf
__floatunditf
__floatunsitf
__floatuntitf
__getf2
__gttf2
__letf2
__lttf2
__multc3
__multf3
__negtf2
```

```

__netf2
__powtf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}

GCC_4.6.0 {
__addtf3
#ifdef __x86_64__
__copysigntf3
#endif
__divtc3
__divtf3
__eqtf2
__extenddf2
__extendsf2
__extendxf2
#ifdef __x86_64__
__fabstf2
#endif
__fixtfdi
__fixtfsi
#ifdef __x86_64__
__fixfti
#endif
__fixunstfdi
__fixunstfsi
#ifdef __x86_64__
__fixunstfi
#endif
__floatditf
__floatsitf
#ifdef __x86_64__
__floattitf
#endif
__floatunditf
__floatunsitf
#ifdef __x86_64__
__floatuntitf
#endif
__getf2
__gttf2
__letf2
__ltof2
__multc3

```

```
__multf3
__negtf2
__netf2
__powtf2
__subtf3
__trunctfdf2
__trunctfsf2
__trunctxf2
__unordtf2
}
```

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@c Set file name and title for man page.

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@settitle GNU General Public License

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```
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@ignore
@c Set file name and title for man page.
@setfilename gpl
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@node Copying
@c man begin DESCRIPTION
@unnumbered GNU GENERAL PUBLIC LICENSE
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@end smallexample

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when it starts in an interactive mode:

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

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@samp{show c}; they could even be mouse-clicks or menu items---whatever  
suits your program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a ``copyright disclaimer" for the program, if  
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```
@example
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```

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

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@c man end  
@ignore  
@c Set file name and title for man page.  
@setfilename gfdl  
@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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@end ignore  
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@ifset gfdlhtml  
@ifnohtml  
@comment node-name, next, previous, up  
@node GNU Free Documentation License, Concept Index, Old, Top  
@end ifnohtml  
@html  
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@c ispell-local-pdict: "ispell-dict"
@c End:
```

```
@c man end
@node Library Copying
@appendixsec GNU LESSER GENERAL PUBLIC LICENSE
```

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

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

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the

entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the @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.

@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

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@item

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

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

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

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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.

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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 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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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

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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

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@center NO WARRANTY

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@heading END OF TERMS AND CONDITIONS

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@center END OF TERMS AND CONDITIONS

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@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

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!

Jan 21, 2002

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component

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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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```
# Having a separate GNUmakefile lets me 'include' the dynamically
# generated rules created via cfg.mk (package-local configuration)
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# This makefile is used only if you run GNU Make.
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```

```
#
```

```
# Generated by gnulib-tool.
```

```
#
```

```
# This file represents the specification of how gnulib-tool is used.
```

```
# It acts as a cache: It is written and read by gnulib-tool.
```

```
# In projects using CVS, this file is meant to be stored in CVS,
```

```
# like the configure.ac and various Makefile.am files.
```

```
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```

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```

```
#
```

```
# Generated by gnulib-tool.
```



```
#
# This file represents the compiled summary of the specification in
# gnulib-cache.m4. It lists the computed macro invocations that need
# to be invoked from configure.ac.
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*/
```

## 1.477 libtasn1-3 2.7-1+squeeze+1

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

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Matthias Urlichs [smurf@debian.org](mailto:smurf@debian.org).

It is now maintained by Andreas Metzler [ametzler@debian.org](mailto:ametzler@debian.org), Eric Dorland [eric@debian.org](mailto:eric@debian.org) and James Westby [jw+debian@jameswestby.net](mailto:jw+debian@jameswestby.net)

It was downloaded from <ftp://ftp.gnutls.org/pub/crypto/gnutls/libtasn1/>

Upstream Authors: Fabio Fiorina <fiorinaf@gnutls.org>  
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-----  
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```
eval '(exit $?0)' && eval 'exec perl -wS -0777 -pi "$0" ${1+"$@"}'
& eval 'exec perl -wS -0777 -pi "$0" $argv:q'
if 0;
```

```
# Update an FSF copyright year list to include the current year.
```

```
my $VERSION = '2009-12-28.11:09'; # UTC
```

```
# Copyright (C) 2009-2010 Free Software Foundation, Inc.
```

```
#
```

```
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```

```
#
```

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```

```
#
```

```
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```

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# Written by Jim Meyering and Joel E. Denny

# The arguments to this script should be names of files that contain FSF  
# copyright statements to be updated. For example, you might wish to  
# use the update-copyright target rule in maint.mk from gnulib's  
# maintainer-makefile module.

#

# Iff an FSF copyright statement is recognized in a file and the final  
# year is not the current year, then the statement is updated for the  
# new year and it is reformatted to:

#

# 1. Fit within 72 columns.

# 2. Convert 2-digit years to 4-digit years by prepending "19".

# 3. Expand copyright year intervals. (See "Environment variables"  
# below.)

#

# A warning is printed for every file for which no FSF copyright  
# statement is recognized.

#

# Each file's FSF copyright statement must be formatted correctly in  
# order to be recognized. For example, each of these is fine:

#

# Copyright @copyright{ } 1990-2005, 2007-2009 Free Software  
# Foundation, Inc.

#

# # Copyright (C) 1990-2005, 2007-2009 Free Software

# # Foundation, Inc.

#

# /\*

# \* Copyright &copy; 90,2005,2007-2009

# \* Free Software Foundation, Inc.

# \*/

#

# However, the following format is not recognized because the line  
# prefix changes after the first line:

#

# ## Copyright (C) 1990-2005, 2007-2009 Free Software

# # Foundation, Inc.

#

# The following copyright statement is not recognized because the  
# copyright holder is not the FSF:

#

# Copyright (C) 1990-2005, 2007-2009 Acme, Inc.

#

# However, any correctly formatted FSF copyright statement following  
# either of the previous two copyright statements would be recognized.

```

#
# The exact conditions that a file's FSF copyright statement must meet
# to be recognized are:
#
# 1. It is the first FSF copyright statement that meets all of the
# following conditions. Subsequent FSF copyright statements are
# ignored.
# 2. Its format is "Copyright (C)", then a list of copyright years,
# and then the name of the copyright holder, which is "Free
# Software Foundation, Inc.".
# 3. The "(C)" takes one of the following forms or is omitted
# entirely:
#
# A. (C)
# B. (c)
# C. @copyright{ }
# D. &copy;
#
# 4. The "Copyright" appears at the beginning of a line except that it
# may be prefixed by any sequence (e.g., a comment) of no more than
# 5 characters.
# 5. If such a prefix is present, the same prefix appears at the
# beginning of each remaining line within the FSF copyright
# statement. There is one exception in order to support C-style
# comments: if the first line's prefix contains nothing but
# whitespace surrounding a "/*", then the prefix for all subsequent
# lines is the same as the first line's prefix except with each of
# "/" and possibly "*" replaced by a " ". The replacement of "*"
# by " " is consistent throughout all subsequent lines.
# 6. Blank lines, even if preceded by the prefix, do not appear
# within the FSF copyright statement.
# 7. Each copyright year is 2 or 4 digits, and years are separated by
# commas or dashes. Whitespace may appear after commas.
#
# Environment variables:
#
# 1. If UPDATE_COPYRIGHT_FORCE=1, a recognized FSF copyright statement
# is reformatted even if it does not need updating for the new
# year. If unset or set to 0, only updated FSF copyright
# statements are reformatted.
# 2. If UPDATE_COPYRIGHT_USE_INTERVALS=1, every series of consecutive
# copyright years (such as 90, 1991, 1992-2007, 2008) in a
# reformatted FSF copyright statement is collapsed to a single
# interval (such as 1990-2008). If unset or set to 0, all existing
# copyright year intervals in a reformatted FSF copyright statement
# are expanded instead.
# 3. For testing purposes, you can set the assumed current year in
# UPDATE_COPYRIGHT_YEAR.

```

```
# 4. The default maximum line length for a copyright line is 72.
# Set UPDATE_COPYRIGHT_MAX_LINE_LENGTH to use a different length.
```

```
use strict;
use warnings;
```

```
my $copyright_re = 'Copyright';
my $circle_c_re = '(?:\[[cC]\])|@copyright{&copy;}';
my $holder = 'Free Software Foundation, Inc.';
my $prefix_max = 5;
my $margin = $ENV{UPDATE_COPYRIGHT_MAX_LINE_LENGTH};
!$margin || $margin !~ m/^\d+$/
and $margin = 72;
```

```
my $tab_width = 8;
```

```
my $this_year = $ENV{UPDATE_COPYRIGHT_YEAR};
if (!$this_year || $this_year !~ m/^\d{4}$/)
{
    my ($sec, $min, $hour, $mday, $month, $year) = localtime (time ());
    $this_year = $year + 1900;
}
```

```
# Unless the file consistently uses "\r\n" as the EOL, use "\n" instead.
```

```
my $eol = /(?:^[^r])\n/ ? "\n" : "\r\n";
```

```
my $leading;
my $prefix;
my $ws_re;
my $stmt_re;
while (/(^\n){0,$prefix_max}$copyright_re/g)
{
    $leading = "$1$2";
    $prefix = $2;
    if ($prefix =~ /^(s*\v)*\s*$/)
    {
        $prefix =~ s/,/,;
        my $prefix_ws = $prefix;
        $prefix_ws =~ s^*/; # Only whitespace.
        if (/G(?:[^\n]|*\^[^\n])*\*?\n$prefix_ws/)
        {
            $prefix = $prefix_ws;
        }
    }
}
$ws_re = '[\t\r\f]'; # \s without \n
$ws_re =
"(?:$ws_re*(?:$ws_re\\n" . quotemeta($prefix) . ")$ws_re*)";
my $holder_re = $holder;
```

```

$holder_re =~ s/\s/$ws_re/g;
my $stmt_remainder_re =
    "(?:$ws_re$circle_c_re)?"
    . "$ws_re(?:\d\d)?\d\d(?:,$ws_re?-)*"
    . "((?:\d\d)?\d\d)$ws_re$holder_re";
if (/^G$stmt_remainder_re/)
{
    $stmt_re =
        quotemeta($leading) . "($copyright_re$stmt_remainder_re)";
    last;
}
}
if (defined $stmt_re)
{
    /$stmt_re/ or die; # Should never die.
    my $stmt = $1;
    my $final_year_orig = $2;

    # Handle two-digit year numbers like "98" and "99".
    my $final_year = $final_year_orig;
    $final_year <= 99
        and $final_year += 1900;

    if ($final_year != $this_year)
    {
        # Update the year.
        $stmt =~ s/$final_year_orig/$final_year, $this_year/;
    }
    if ($final_year != $this_year || $ENV{'UPDATE_COPYRIGHT_FORCE'})
    {
        # Normalize all whitespace including newline-prefix sequences.
        $stmt =~ s/$ws_re/ /g;

        # Put spaces after commas.
        $stmt =~ s/, ?, /g;

        # Convert 2-digit to 4-digit years.
        $stmt =~ s/(\b\d\d\b)/19$1/g;

        # Make the use of intervals consistent.
        if (!$ENV{'UPDATE_COPYRIGHT_USE_INTERVALS'})
        {
            $stmt =~ s/(\d{4})-(\d{4})/join(' ', $1..$2)/eg;
        }
        else
        {
            $stmt =~
                s/

```

```

(\d{4})
(?:
  (\|-)
  ((?){
    if ($2 eq '-') { \d{4}'; }
    elsif (!$3) { $1 + 1; }
    else { $3 + 1; }
  })
)+
/$1-$3/gx;
}

# Format within margin.
my $stmt_wrapped;
my $text_margin = $margin - length($prefix);
if ($prefix =~ /^(t+)/)
{
  $text_margin -= length($1) * ($tab_width - 1);
}
while (length $stmt)
{
  if (($stmt =~ s/^(.{1,$text_margin})(?: |$)//)
    || ($stmt =~ s/^(|[S]+)(?: |$)//))
  {
    my $line = $1;
    $stmt_wrapped .= $stmt_wrapped ? "$eol$prefix" : $leading;
    $stmt_wrapped .= $line;
  }
  else
  {
    # Should be unreachable, but we don't want an infinite
    # loop if it can be reached.
    die;
  }
}

# Replace the old copyright statement.
s/$stmt_re/$stmt_wrapped/;
}
else
{
  print STDERR "$ARGV: warning: FSF copyright statement not found\n";
}

# Local variables:
# mode: perl
# indent-tabs-mode: nil

```

```
# eval: (add-hook 'write-file-hooks 'time-stamp)
# time-stamp-start: "my $VERSION = ""
# time-stamp-format: "%:y-%02m-%02d.%02H:%02M"
# time-stamp-time-zone: "UTC"
# time-stamp-end: "; # UTC"
# End:
```

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## 1.478 libterm-readkey-perl 2.30-4

## 1.479 libterm-readline-perl-perl 1.0303-1

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Format-Specification:

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Upstream-Maintainer: Ilya Zakharevich <cpan@ilyaz.org>

Upstream-Source: <http://search.cpan.org/dist/Term-ReadLine-Perl/>

Upstream-Name: Term-ReadLine-Perl

Files: \*

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Upstream Author: Tomohiro KUBOTA <kubota@debian.org>

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## 1.483 libthai 0.1.12 :3.el6

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=59>

Maintainer: Graham Barr <[gbarr@pobox.com](mailto:gbarr@pobox.com)>

Source: <http://search.cpan.org/dist/TimeDate/>

Name: TimeDate

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# 1.487 libtool 2.2.6 :15.5.el6

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Section 6 states terms for distribution of such executables.

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

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

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

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

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

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

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## 1.494 libusb1 1.0.3 :1.el6

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

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs

(which use some of those functions and data) to form executables.

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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 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.

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

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

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major 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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# 1.497 libutempter 1.1.5 :4.1.el6

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Version 2.1, February 1999

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

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

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must

be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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

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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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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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of these things:

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

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

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

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

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

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```

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```

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## 1.499 libuuid-perl 0.02-4

### 1.499.1 Available under license :

Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Maintainer: Peter Braam <[braam@clusterfs.com](mailto:braam@clusterfs.com)>

Source: <http://search.cpan.org/dist/UUID/>

Name: UUID

Copyright: 2001, Peter Braam <[braam@clusterfs.com](mailto:braam@clusterfs.com)>

License: Artistic

X-Comment:

Date: Thu, 04 Jan 2007 15:09:45 -0700

From: Peter Braam <[braam@clusterfs.com](mailto:braam@clusterfs.com)>

To: Clint Adams <[schizo@debian.org](mailto:schizo@debian.org)>

Subject: Re: UUID license

.

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.

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- Peter -

Files: debian/\*

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Format-Specification: <http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?view=markup&pathrev=135>

Maintainer: Jesse Vincent <jesse@bestpractical.com>

Source: <http://search.cpan.org/dist/WWW-Mechanize/>

Name: WWW-Mechanize

Files: \*

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Files: t/local/LocalServer.pm

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## 1.501 libwww-perl 5.836-1

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Maintainer: Gisle Aas <[gisle@activestate.com](mailto:gisle@activestate.com)>

Source: <http://search.cpan.org/dist/libwww-perl/>

Name: libwww-perl

Files: \*

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Files: lib/LWP/Authen/Ntlm.pm

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2008, Krzysztof Krzyaniak (eloy) <[eloy@debian.org](mailto:eloy@debian.org)>

2008, Roberto C. Sanchez <[roberto@debian.org](mailto:roberto@debian.org)>

2008, gregor herrmann <gregoa@debian.org>  
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Maintainer: Gisle Aas <gisle@activestate.com>

Source: <http://search.cpan.org/dist/WWW-RobotRules/>

Name: WWW-RobotRules

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basename="s,^.*/,.,g"

# Work around backward compatibility issue on IRIX 6.5. On IRIX 6.4+, sh
# is ksh but when the shell is invoked as "sh" and the current value of
# the _XPG environment variable is not equal to 1 (one), the special
# positional parameter $0, within a function call, is the name of the
# function.
/*
* $Id$
*

```

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# 1.514 libXdamage 1.1.2 :1.e16

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# Itmain.sh - Provide generalized library-building support services.

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# Originally by Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996

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#
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## 1.515 libxdamage 1:1.1.3-1

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## 1.519 libXfixes 4.0.4 :1.e16

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#
```

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# 1.520 libxfixes 1:4.0.5-1

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/* lib/font/fontfile/gunzip.c
```

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written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
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## 1.522 libXft 2.1.13 :4.1.e16

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## 1.523 libxi 2:1.1.4-1

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<one line to give the program's name and a brief idea of what it does.>  
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```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
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```

The hypothetical commands 'show w' and 'show c' should show the  
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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
```

That's all there is to it!

## 1.531 libxml-sax-base-perl 1.07 :2011-09-10

### 1.531.1 Available under license :

Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Maintainer: Grant McLean <[grantm@cpan.org](mailto:grantm@cpan.org)>

Source: <http://search.cpan.org/dist/XML-SAX-Base/>

Name: XML-SAX-Base

Files: \*

Copyright: 2001, Kip Hampton <[khampton@totalcinema.com](mailto:khampton@totalcinema.com)>

2001, Robin Berjon <[robin@knowscape.com](mailto:robin@knowscape.com)>

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## 1.532 libxml-sax-perl 0.96+dfsg-2

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(should we include the full text here?)

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Contact: Grant McLean, [grantm@cpan.org](mailto:grantm@cpan.org)

Source: <http://search.cpan.org/dist/XML-SAX/>

Upstream-Name: XML-SAX

Comment:

Upstream sources are repackaged to remove a file with non-free licensing/copyright:

+ testcases/xmltest.xml (See #452872)

Repackaging is done via `debian/repack.stub` and can be replayed using either `"debian/rules get-orig-source"` or `"uscan -f"`.

Files: \*

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License-Alias: Perl

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Files:

XML/SAX/\*.pm

XML/SAX/DTDDecls.pm

XML/SAX/EncodingDetect.pm

XML/SAX/Productions.pm

XML/SAX/Reader.pm

XML/SAX/Reader/String.pm

XML/SAX/Reader/UnicodeExt.pm

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2007-2008, Niko Tyni <ntyni@debian.org>

2009, gregor herrmann <gregoa@debian.org>

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## 1.533 libxml-simple-perl 2.18-3

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: XML-Simple

Upstream-Contact: Grant McLean <grantm@cpan.org>

Source: <http://search.cpan.org/dist/XML-Simple/>

Files: \*

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```
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```

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

```
Ty Coon, President of Vice
```

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```
/*
```

```
* libxslt_tutorial.c: demo program for the XSL Transformation 1.0 engine
```

```
*
```

```
* based on xsltproc.c, by Daniel.Veillard@imag.fr
```

```
* by John Fleck
```

```

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*
*/
/*
* libxslt_pipes.c: a program for performing a series of XSLT
* transformations
*
* Written by Panos Louridas, based on libxslt_tutorial.c by John Fleck.
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```

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# 1.551 libXtst 1.0.99.2 :3.e16

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src/fastcgi.h

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Appendix: How to Apply These Terms to Your New Programs

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

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

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```

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```

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

The hypothetical commands `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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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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Upstream-Name: lilo

Upstream-Contact: Joachim Wiedorn <[ad\\_debian@joonet.de](mailto:ad_debian@joonet.de)>

Source: <http://lilo.aliioth.debian.org/>

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```

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/\* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

\* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

\*

\* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

\* <http://www.hypermall.com/>

\* 10/1/97 - commented out CFG\_PHYIE bit - we don't care when the PHY

\* interrupts us (except possibly for removal/insertion of the cable?)

\* 10/4/97 - began heavy inline documentation of the code. Corrected typos

\* and spelling mistakes.

\* 10/5/97 - added code to handle PHY interrupts, disable PHY on

\* loss of link, and correctly re-enable PHY when link is

\* re-established. (put back CFG\_PHYIE)

\*

\* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

\*

\* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

\*

\* Linux driver for the IDT77201 NICStAR PCI ATM controller.

\* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

\* see init\_nicstar() for PHY initialization to change this. This driver

\* expects the Linux ATM stack to support scatter-gather lists

\* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

\*

\* Implementing minimal-copy of received data:

\* IDT always receives data into a small buffer, then large buffers

\* as needed. This means that data must always be copied to create

\* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

\* Fix is simple: make large buffers large enough to hold entire

\* SDU, and leave <small\_buffer\_data> bytes empty at the start. Then

\* copy small buffer contents to head of large buffer.

\* Trick is to avoid fragmenting Linux, due to need for a lot of large

\* buffers. This is done by 2 things:

\* 1) skb->destructor / skb->atm.recycle\_buffer

\* combined, allow nicstar\_free\_rx\_skb to be called to

\* recycle large data buffers

\* 2) skb\_clone of received buffers

\* See nicstar\_free\_rx\_skb and linearize\_buffer for implementation

\* details.

\*

\*

\*

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\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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## 1.561 live-boot 3.0.1-1

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Version 3, 29 June 2007

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Source: <http://live.debian.net/archive/packages/live-config/>

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Upstream-Contact: John Doe <[john@example.org](mailto:john@example.org)>

Source: <http://www.example.org/foobar/>

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```

*
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*/
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# sort_res.perl5 - Script to group & sort lsof output by resource
#
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#
# Note :
# -This script uses lsof released by Victor A. Abell
# -lsof path recovery comes from standard perl scripts in there.
#
# Usage :
# perl sort_res.perl5 -> display used resources + size
# or perl sort_res.perl5 <program name>
#
# 12/2005 (FabF)
# -size reset in loop (script was broken in 4.76)
# -isexec looking in .. (like other scripts)
# -display for one or all processes
# -removing unuseful line number arg.
# -display global
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```

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This is free software, and you are welcome to redistribute it  
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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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## 1.572 Isof 4.81.dfsg.1-1

## 1.572.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: lsof

Upstream-Contact: <https://lists.rcac.purdue.edu/listinfo/lsof-l>

Source: <ftp://lsof.itap.purdue.edu/pub/tools/unix/lsof/>

Comment: The following changes were made to the upstream tarball:

- 1.) The directory dialects/uw was removed for being non-DFSG and not needed in Debian.
- 2.) The main source was a tarball within a tarball. Only the innermost tarball has been retained.
- 3.) The top-level directory has been stripped away as it embedded the version number making packaging more difficult.

Files: \*

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Files: debian/\*

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1996, Dominik Kubla <dominik@debian.org>

1997, Michael Meskes <meskes@debian.org>

1998-2002, Jim Mintha <jmintha@debian.org>

2004-2009, Norbert Tretkowski <nobse@debian.org>

2012, Raoul Gunnar Borenus <borenus@dfn.de>

2012, Nicholas Bamber <nicholas@peript.co.uk>

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Files: dialects/freebsd/include/procfs/pfsnode.h

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Files: dialects/darwin/libproc/dstore.c dialects/darwin/libproc/ddev.c dialects/darwin/libproc/dsock.c  
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dialects/darwin/libproc/dfile.c dialects/darwin/libproc/dmnt.c dialects/darwin/libproc/machine.h [portins thereof]

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Files: print.c[portions]

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Files: scripts/sort\_res.perl5

Copyright: 2004, 2005, Fabian Frederick <fabian.frederick@gmx.fr>

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Files: regex.h lib/regex.c

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## 1.573 Isof\_soft\_res\_script 4.82 :2.el6

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/\*

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```

*/
#!/usr/bin/perl
# sort_res.perl5 - Script to group & sort lsof output by resource
#
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#
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#
# Note :
# -This script uses lsof released by Victor A. Abell
# -lsof path recovery comes from standard perl scripts in there.
#
# Usage :
# perl sort_res.perl5 -> display used resources + size
# or perl sort_res.perl5 <program name>
#
# 12/2005 (FabF)
# -size reset in loop (script was broken in 4.76)
# -isexec looking in .. (like other scripts)
# -display for one or all processes
# -removing unuseful line number arg.
# -display global

```

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## 1.575 lua 5.1.4 :4.1.el6

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a

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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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(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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# 1.578 lvm2\_libs 2.02.87 :6.e16

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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.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major

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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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## 1.580 Izo2 2.03-2

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## 1.584 makedev 2.3.1-89

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

```
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it under the terms of the GNU General Public License as published by  
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```

```
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```

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```

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```
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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.
```

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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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## 1.597 mongoose web server 2.9

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```
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```

## 1.598 mpplib 0.9-4

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```
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# 1.599 mpfr4 3.1.0-5

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## 1.600 mt-st 1.1 :4.e16

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```

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```
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```

```
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## 1.601 mtdev 1.1.2-1

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Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=REVISION>

Name: mtdev

Maintainer: Henrik Rydberg <rydberg@euromail.se>

Source: <http://bitmath.org/code/mtdev/>

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# 1.602 MultipartRequest 1.30 :rc1

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\*/

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

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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## 1.612 Net SNMP 5.0.9

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## 1.617 netperf 2.4.4-6.1

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This package was debianized by Erik Wenzel [erik@debian.org](mailto:erik@debian.org) on Wed, 30 Jan 2002 10:15:17 +0200

It was downloaded from:

<ftp://ftp.netperf.org/netperf>

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Code to allow netserver to run as a standalone daemon.

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Wrote the first revision of the netperf and netserver manpages.

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Fixes for AIX 3.1 and 3.2. Also fixes for Solaris 2.1 without realizing it ;-)

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Fixes for TCP\_RR and UDP\_RR on systems with an htonl that is not a no-op.

Warren Burnett <somewhere in Kansas>

Example code for DLPI tests.

Several Folks

Code to tell SunOS 4 to \*not\* restart system calls on receipt of a signal.

Fore Systems Inc.

Manpages for the FORE API and question answering

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Access to systems running the Fore ATM API

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Include file fixes for Ultrix

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Bunches of warnings fixes and lint picks for Solaris 2.3

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Code to calculate confidence intervals for tests

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Helpful suggestions for the scripts to make them more compatible with the netperf database (<http://www.cup.hp.com/netperf/NetperfPage.html>).

His prompting finally got me off my whatever to put the confidence interval stuff from the guys at IBM into netperf

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Fixes to make netperf more secure.

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A fix to send\_udp\_rr to correct bogus throughput values.

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A bunch of clean-up for the \*BSD OSes

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Code for low-priority soaker process for AIX and SGI

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The initial port of netperf (1.9PL4) to Windows NT 3.51.

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The PPC binaries for the 1.9PL4 port of netperf to NT and for assorted code clean-ups and help with CPU utilization measurements.

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For offering to take-on support of the Fore ATM API files with 2.1 and for his help in making the tar files and such more user-friendly

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Improvements to the makefile and additional checks for OpenBSD

Kris Corwin  
discovery of a debug statement outside of if (debug) that may have been the cause of all the nasty connection refused errors in random UDP\_RR tests...

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Initial prototype of the TCP\_SENDFILE test support

Philip Pishioneri of Cornel  
Conversion of the netperf.ps manul to PDF format.

The Hewlett-Packard OpenVMS folks  
Assistance with the port to OpenVMS

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IPv6 fixes

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initial mods for sendfile() under Linux

Fabrice Bacchella  
for pointing-out that Solaris 9 has a copy of Linux sendfile()

Andrew Gallatin  
for assistance with the FreeBSD sysctl() stuff, and later making it calibration-free

Mark Cooper  
pointing-out the need for -lresolv when compiling -DDO\_DNS on RedHat 7.1

Carl Mascott  
finding some cut-and-paste errors in create\_data\_socket error logging

Fabrice Bacchella

Fixes for -DHISTOGRAM and -DUNIX on Mac OS X, updates to usage strings

Spencer Frink

Fixes and Cleanup for WIN32. Many over many years.

Nicholas Thomas

Fixes for DLPI on SVR4 Streams under Linux

Dave Craig

Fixes for getaddrinfo error returns

David Mosberger of HP

Workaround for the Linux getsockopt() bug that returns more than that for which one asked.

Stephen Burger of HP

Code to implement the netserver CPU binding.

Vladislav "Vlad" Yasevich of HP

Initial SCTP tests. Enhancements to the configure.ac sources to show the way to make many of the LIBS="foo" before ./configure unnecessary.

Padmanabhan "Paddu" S N of HP

Patches for /proc/stat CPU util and recv\_tcp\_rr.

Cary Coutant and other hp-mac-users of HP

Access to Mac OS X systems for porting netperf 2.4.0

Chris Bertin of HP

Access to AIX for initial porting of netperf 2.4.0

James Carlson

Assistance finding the right magic to compile SCTP on Solaris 10.

Gavin

Pointers on Solaris 10 Microstate accounting.

Brent Draney

Getting netcpu\_perfstat.c in running order on AIX and other misc fixups in places such as BSD.

Samuel Ying

Change struct sockaddr to struct sockaddr storage in netserver.c

Rodolpho Boer

Fix for default message size in UDP\_STREAM when default SO\_SNDBUF size is > max UDP datagram size.

Michael Dorff

Getting netperf/netsserver to compile under Windows with MS Visual Studio 2003

George Davis

Changes to deal with different floating-point formats.

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Changes to retrieve CPU util on MacOS X.

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Patches to attend to some windows in TCP\_CRR and TCP\_CC under Windows

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Fixes to get netcpu\_looper compiling and working after the "netcpu" split

Hans Blom

Improvements to closing/redirecting stdin/stdout/stderr in netsserver

Martin Brown

RPM support in the form of netperf.spec.in and related configure.ac etc changes

Shilpi Agarwal

Changes to allow UDP\_STREAM to use connected sockets on both sides.

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Fixes for buffer filling.

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Fixes for Windows compilation under MingW/gcc.

Scott Weitzenkamp

Patches to enable demo mode in the UDP\_STREAM test

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## 1.618 netty 3.2.7

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

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

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and what the program that uses the Library does.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

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

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

therefore falls outside the scope of this License.

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

Section 6 states terms for distribution of such executables.

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

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

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

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

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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.

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#### Appendix: How to Apply These Terms to Your New Libraries

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

That's all there is to it!

# 1.620 newt 0.52.11-1

## 1.620.1 Available under license :

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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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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights.

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

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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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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.)

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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.

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

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

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## 1.627 nss-util 3.16.1 :2.el6\_5

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6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
11. [12]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
12. [13]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
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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48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
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50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
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42. [46]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
43. [47]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
44. [48]Michael Shields <shields@tembel.org> USNO clock driver
45. [49]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
46. [50]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
47. [51]Kenneth Stone <ken@sdd.hp.com> HP-UX port
48. [52]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
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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 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' (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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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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

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

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

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

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline



functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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[http://java.sun.com/xml/ns/persistence/orm\\_2\\_0.xsd](http://java.sun.com/xml/ns/persistence/orm_2_0.xsd)  
persistence-xsd.rsrc - included in the openjpa jar, taken from:  
[http://java.sun.com/xml/ns/persistence/persistence\\_1\\_0.xsd](http://java.sun.com/xml/ns/persistence/persistence_1_0.xsd)  
persistence\_2\_0-xsd.rsrc - included in the openjpa jar, taken from:  
[http://java.sun.com/xml/ns/persistence/persistence\\_2\\_0.xsd](http://java.sun.com/xml/ns/persistence/persistence_2_0.xsd)  
websphere-uow-api.jar - this jar file contains WebSphere proprietary API code which is licensed for use when compiling OpenJPA. The jar is not distributed with OpenJPA and is only included with the source archive in order to resolve compilation dependencies.

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*****
/*
attrs.h - wrapper macros for the gcc __attribute__((...)) directive

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### :34.el6\_5.1

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attrs.h - wrapper macros for the gcc \_\_attribute\_\_(( )) directive

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\*

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

\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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- RSA is no longer included, found in the OpenSSL library
- IDEA is no longer included, its use is deprecated
- DES is now external, in the OpenSSL library
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- The make-ssh-known-hosts script is no longer included
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- RC4 support has been replaced with ARC4 support from OpenSSL
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*
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*
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* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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## 1.642 OpenSSL 1.0.1g

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Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB\_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	2176.00	5994.67	8079.73	8845.18	9077.01
mdc2	5730.67	6122.67	6167.66	6176.51	6174.87
md5	29.10k	127.31k	209.66k	250.50k	263.99k
hmac(md5)	12.33k	73.02k	160.17k	228.04k	261.15k
sha1	11.27k	49.37k	84.31k	102.40k	109.23k
rmd160	11.69k	48.62k	78.76k	93.15k	98.41k
rc4	117.96k	148.94k	152.57k	153.09k	152.92k
des cbc	27.13k	30.06k	30.38k	30.38k	30.53k
des ede3	10.51k	10.94k	11.01k	11.01k	11.01k
idea cbc	26.74k	29.23k	29.45k	29.60k	29.74k
rc2 cbc	34.27k	39.39k	40.03k	40.07k	40.16k
rc5-32/12 cbc	64.31k	83.18k	85.70k	86.70k	87.09k
blowfish cbc	48.86k	59.18k	60.07k	60.42k	60.78k
cast cbc	42.67k	50.01k	50.86k	51.20k	51.37k



	sign	verify	sign/s	verify/s	
rsa 512 bits	0.7738s	0.0774s	1.3	12.9	
rsa 1024 bits	4.3967s	0.2615s	0.2	3.8	
rsa 2048 bits	29.5200s	0.9664s	0.0	1.0	

	sign	verify	sign/s	verify/s	
dsa 512 bits	0.7862s	0.9709s	1.3	1.0	
dsa 1024 bits	2.5375s	3.1625s	0.4	0.3	
dsa 2048 bits	9.2150s	11.8200s	0.1	0.1	

Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLeay 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D\_ANSI\_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	130.99k	367.68k	499.09k	547.04k	566.50k
md5	1924.98k	8293.50k	13464.41k	16010.39k	16820.68k
sha	1250.75k	5330.43k	8636.88k	10227.36k	10779.14k
sha1	1071.55k	4572.50k	7459.98k	8791.96k	9341.61k
rc4	10724.22k	14546.25k	15240.18k	15259.50k	15265.63k
des cbc	3309.11k	3883.01k	3968.25k	3971.86k	3979.14k
des ede3	1442.98k	1548.33k	1562.48k	1562.00k	1563.33k
idea cbc	2195.69k	2506.39k	2529.59k	2545.66k	2546.54k
rc2 cbc	806.00k	833.52k	837.58k	838.52k	836.69k
blowfish cbc	4687.34k	5949.97k	6182.43k	6248.11k	6226.09k
rsa 512 bits	0.010s				
rsa 1024 bits	0.045s				
rsa 2048 bits	0.260s				
rsa 4096 bits	1.690s				

This package was debianized by Christoph Martin martin@uni-mainz.de on Fri, 22 Nov 1996 21:29:51 +0100.

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md2	2176.00	5994.67	8079.73	8845.18	9077.01
mdc2	5730.67	6122.67	6167.66	6176.51	6174.87
md5	29.10k	127.31k	209.66k	250.50k	263.99k
hmac(md5)	12.33k	73.02k	160.17k	228.04k	261.15k
sha1	11.27k	49.37k	84.31k	102.40k	109.23k
rmd160	11.69k	48.62k	78.76k	93.15k	98.41k
rc4	117.96k	148.94k	152.57k	153.09k	152.92k
des cbc	27.13k	30.06k	30.38k	30.38k	30.53k
des ede3	10.51k	10.94k	11.01k	11.01k	11.01k
idea cbc	26.74k	29.23k	29.45k	29.60k	29.74k
rc2 cbc	34.27k	39.39k	40.03k	40.07k	40.16k
rc5-32/12 cbc	64.31k	83.18k	85.70k	86.70k	87.09k
blowfish cbc	48.86k	59.18k	60.07k	60.42k	60.78k
cast cbc	42.67k	50.01k	50.86k	51.20k	51.37k

sign verify sign/s verify/s

rsa 512 bits	0.7738s	0.0774s	1.3	12.9
rsa 1024 bits	4.3967s	0.2615s	0.2	3.8
rsa 2048 bits	29.5200s	0.9664s	0.0	1.0

sign verify sign/s verify/s

dsa 512 bits	0.7862s	0.9709s	1.3	1.0
dsa 1024 bits	2.5375s	3.1625s	0.4	0.3
dsa 2048 bits	9.2150s	11.8200s	0.1	0.1

Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D\_ANSI\_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	130.99k	367.68k	499.09k	547.04k	566.50k
md5	1924.98k	8293.50k	13464.41k	16010.39k	16820.68k
sha	1250.75k	5330.43k	8636.88k	10227.36k	10779.14k
sha1	1071.55k	4572.50k	7459.98k	8791.96k	9341.61k
rc4	10724.22k	14546.25k	15240.18k	15259.50k	15265.63k
des cbc	3309.11k	3883.01k	3968.25k	3971.86k	3979.14k
des ede3	1442.98k	1548.33k	1562.48k	1562.00k	1563.33k
idea cbc	2195.69k	2506.39k	2529.59k	2545.66k	2546.54k
rc2 cbc	806.00k	833.52k	837.58k	838.52k	836.69k
blowfish cbc	4687.34k	5949.97k	6182.43k	6248.11k	6226.09k
rsa 512 bits	0.010s				
rsa 1024 bits	0.045s				
rsa 2048 bits	0.260s				
rsa 4096 bits	1.690s				

This package was debianized by Christoph Martin martin@uni-mainz.de on Fri, 22 Nov 1996 21:29:51 +0100.

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Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLey 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D\_ANSI\_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	130.99k	367.68k	499.09k	547.04k	566.50k
md5	1924.98k	8293.50k	13464.41k	16010.39k	16820.68k
sha	1250.75k	5330.43k	8636.88k	10227.36k	10779.14k
sha1	1071.55k	4572.50k	7459.98k	8791.96k	9341.61k
rc4	10724.22k	14546.25k	15240.18k	15259.50k	15265.63k
des cbc	3309.11k	3883.01k	3968.25k	3971.86k	3979.14k
des ede3	1442.98k	1548.33k	1562.48k	1562.00k	1563.33k
idea cbc	2195.69k	2506.39k	2529.59k	2545.66k	2546.54k
rc2 cbc	806.00k	833.52k	837.58k	838.52k	836.69k
blowfish cbc	4687.34k	5949.97k	6182.43k	6248.11k	6226.09k
rsa 512 bits	0.010s				
rsa 1024 bits	0.045s				
rsa 2048 bits	0.260s				
rsa 4096 bits	1.690s				

Motorolla 68020 20mhz, NetBSD

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB\_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	2176.00	5994.67	8079.73	8845.18	9077.01
mdc2	5730.67	6122.67	6167.66	6176.51	6174.87
md5	29.10k	127.31k	209.66k	250.50k	263.99k
hmac(md5)	12.33k	73.02k	160.17k	228.04k	261.15k
sha1	11.27k	49.37k	84.31k	102.40k	109.23k
rmd160	11.69k	48.62k	78.76k	93.15k	98.41k
rc4	117.96k	148.94k	152.57k	153.09k	152.92k
des cbc	27.13k	30.06k	30.38k	30.38k	30.53k
des ede3	10.51k	10.94k	11.01k	11.01k	11.01k
idea cbc	26.74k	29.23k	29.45k	29.60k	29.74k
rc2 cbc	34.27k	39.39k	40.03k	40.07k	40.16k
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cast cbc	42.67k	50.01k	50.86k	51.20k	51.37k

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rsa 512 bits	0.7738s	0.0774s	1.3	12.9
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dsa 512 bits	0.7862s	0.9709s	1.3	1.0
dsa 1024 bits	2.5375s	3.1625s	0.4	0.3
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Pentium Pro 200mhz

FreeBSD 2.1.5

gcc 2.7.2.2

SSLeay 0.7.0 30-Jan-1997

built on Tue Apr 22 12:14:36 EST 1997

options:bn(64,32) md2(int) rc4(idx,int) des(ptr,risc 1,16,long) idea(int) blowfish(ptr2)

C flags:gcc -DTERMIOS -D\_ANSI\_SOURCE -fomit-frame-pointer -O3 -m486 -Wall

The 'numbers' are in 1000s of bytes per second processed.

type	8 bytes	64 bytes	256 bytes	1024 bytes	8192 bytes
md2	130.99k	367.68k	499.09k	547.04k	566.50k
md5	1924.98k	8293.50k	13464.41k	16010.39k	16820.68k
sha	1250.75k	5330.43k	8636.88k	10227.36k	10779.14k
sha1	1071.55k	4572.50k	7459.98k	8791.96k	9341.61k

```

rc4      10724.22k  14546.25k  15240.18k  15259.50k  15265.63k
des cbc   3309.11k   3883.01k   3968.25k   3971.86k   3979.14k
des ede3  1442.98k   1548.33k   1562.48k   1562.00k   1563.33k
idea cbc  2195.69k   2506.39k   2529.59k   2545.66k   2546.54k
rc2 cbc   806.00k    833.52k    837.58k    838.52k    836.69k
blowfish cbc 4687.34k  5949.97k  6182.43k  6248.11k  6226.09k
rsa 512 bits 0.010s
rsa 1024 bits 0.045s
rsa 2048 bits 0.260s
rsa 4096 bits 1.690s
Motorolla 68020 20mhz, NetBSD

```

SSLey 0.9.0t 29-May-1998

built on Fri Jun 5 12:42:23 EST 1998

options:bn(64,32) md2(char) rc4(idx,int) des(idx,cisc,16,long) idea(int) blowfish(idx)

C flags:gcc -DTERMIOS -O3 -fomit-frame-pointer -Wall -DB\_ENDIAN

The 'numbers' are in 1000s of bytes per second processed.

```

type      8 bytes  64 bytes  256 bytes  1024 bytes  8192 bytes
md2       2176.00   5994.67   8079.73   8845.18   9077.01
mdc2     5730.67   6122.67   6167.66   6176.51   6174.87
md5       29.10k    127.31k   209.66k   250.50k   263.99k
hmac(md5) 12.33k    73.02k   160.17k   228.04k   261.15k
sha1     11.27k    49.37k    84.31k   102.40k   109.23k
rmd160   11.69k    48.62k    78.76k    93.15k    98.41k
rc4      117.96k   148.94k   152.57k   153.09k   152.92k
des cbc   27.13k    30.06k    30.38k    30.38k    30.53k
des ede3  10.51k    10.94k    11.01k    11.01k    11.01k
idea cbc  26.74k    29.23k    29.45k    29.60k    29.74k
rc2 cbc   34.27k    39.39k    40.03k    40.07k    40.16k
rc5-32/12 cbc 64.31k    83.18k    85.70k    86.70k    87.09k
blowfish cbc 48.86k    59.18k    60.07k    60.42k    60.78k
cast cbc  42.67k    50.01k    50.86k    51.20k    51.37k

```

```

      sign  verify  sign/s  verify/s

```

```

rsa 512 bits 0.7738s 0.0774s 1.3 12.9
rsa 1024 bits 4.3967s 0.2615s 0.2 3.8
rsa 2048 bits 29.5200s 0.9664s 0.0 1.0

```

```

      sign  verify  sign/s  verify/s

```

```

dsa 512 bits 0.7862s 0.9709s 1.3 1.0
dsa 1024 bits 2.5375s 3.1625s 0.4 0.3
dsa 2048 bits 9.2150s 11.8200s 0.1 0.1

```

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## 1.647 OpenSSL patch to 0.9.8 branch to add RFC5649 (key wrap with pad) 1.0



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```
/* crypto/aes/aes_wrap.c */
```

```
/* Written by Dr Stephen N Henson (steve@openssl.org) for the OpenSSL  
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```

```
* Modified by Attaullah Baig (abaig@paypal.com) to wrap/unwrap any  
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```

```
*/
```

```
/* =====
```

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linux/net/ipsec/ultot.c, linux/net/ipsec/version.in.c,  
testing/kunit/libkern/version.in.c, testing/utills/ike-scan/getopt.c,  
testing/utills/ike-scan/getopt.h, testing/utills/ike-scan/getopt1.c

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\* linux/include/zlib/\*, linux/net/ipsec/zutil.c, linux/net/ipsec/infutil.c,  
linux/net/ipsec/infutil.h, linux/net/ipsec/inflate.c,  
linux/net/ipsec/infcodes.c, linux/net/ipsec/infcodes.h,  
linux/net/ipsec/deflate.c, linux/net/ipsec/deflate.h,  
linux/net/ipsec/trees.c, linux/net/ipsec/infblock.c,  
linux/net/ipsec/inffast.c, linux/net/ipsec/infblock.h,  
linux/net/ipsec/inffast.h, linux/net/ipsec/inftrees.c,  
linux/net/ipsec/inftrees.h, linux/net/ipsec/adler32.c  
testing/utills/ike-scan/md5.c, testing/utills/ike-scan/md5.h  
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\* include/arpa/nameser.h, include/sysqueue.h, lib/libisc/inet\_aton.c,  
lib/liblwres/herror.c, lib/liblwres/lwinetaton.c,  
linux/include/openswan/radij.h, linux/net/ipsec/radij.c,  
testing/utills/uml\_netjig/getopt\_long.c

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\* lib/libdns/dst\_internal.h

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\* lib/libisc/inet\_aton.c, lib/liblwres/lwinetaton.c

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\* include/libbsdkey/libpfkey.h, lib/libbsdkey/\*, lib/liblwres/getnameinfo.c  
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\* lib/libcrypto/libdes/speed.c, lib/libcrypto/libdes/fcrypt\_b.c,  
lib/libcrypto/libdes/destest.c, lib/libcrypto/libblowfish/bf\_skey.c,  
lib/libcrypto/libblowfish/blowfish.h, lib/libcrypto/libblowfish/bf\_pi.h,  
lib/libcrypto/libblowfish/bf\_locl.h, lib/libcrypto/libblowfish/bf\_enc.c,

linux/include/des/\*, linux/include/klips-crypto/des.h,  
linux/net/ipsec/des/cbc\_enc.c, linux/net/ipsec/des/des\_enc.c,  
linux/net/ipsec/des/des\_opts.c, linux/net/ipsec/des/ecb\_enc.c,  
linux/net/ipsec/des/set\_key.c

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\* include/crypto/cryptodev.h

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The author of this code is Angelos D. Keromytis (angelos@cis.upenn.edu)

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\* lib/libcrypto/liboswcrypto/cryptodev.c  
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\* linux/include/openswan/pfkeyv2.h

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Harald Jenny and Rene Mayrhofer, 2010-03-27

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Daniel Savarese <dfs at savarese.org> is the original author of the OROMatcher, PerlTools, AwkTools, and TextTools packages that became the Jakarta-ORO project.

Jon Stevens <jon at collab.net> helped prepare the first release of jakarta-oro and is a constant help in keeping the project consistent with the Jakarta project as a whole.

Takashi Okamoto <tokamoto at rd.nttdata.co.jp> has contributed a unicode character class fix and an initial posix character class implementation.

Mark Murphy <markm at tyrell.com> has contributed performance improvements to Perl5Substitution as well as adding support for \UuLIE and escaping of \$.

Michael Davey <michael.davey at coderage.org> fixed some documentation and added a missing int substitute(...) method to Perl5Util.

Harald Kuhn <harald at ontopia.net> updated MatchActionProcessor.processMatches() to accommodate character encodings.

## 1.653 p11-kit 0.12-3

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## 1.654 p11-kit 0.18.5 :2.el6\_5.2

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```
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```

```
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```

```
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```

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the

entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

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

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

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative 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



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```
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```

# 1.661 pango1.0 1.20.5-6

## 1.661.1 Available under license :

This package was debianized by Akira TAGOH <tagoh@debian.org> on  
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It was downloaded from:

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

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Written by: Philip Hazel  
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This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

## THE BASIC LIBRARY FUNCTIONS

-----

Written by: Philip Hazel

Email local part: ph10

Email domain: cam.ac.uk

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## 1.671 perl 5.10.1 :130.el6\_4

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.5 of 10 December 2007



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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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```
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```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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## 1.682 polkit 0.96 :5.el6\_4

### 1.682.1 Available under license :

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Version 2, June 1991

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However, unrestricted linking of non-free programs would deprive the

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

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## 1.683 popt 1.16-1

### 1.683.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: popt

Upstream-Contact: Jeff Johnson <[jbj@rpm5.org](mailto:jbj@rpm5.org)>

Source: <http://rpm5.org/files/popt/>

Comment:

popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

Files: \*

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## 1.684 popt 1.13 :7.el6

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## 1.686 postfix 2.6.6 :2.2.el6\_1

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Included for the use of the fix\_strcasecmp.c module which works around a Solaris problem.

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/\* Skeleton implementation for Bison's Yacc-like parsers in C

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# Originally written by Per Bothner. Please send patches (context
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#
# This script attempts to guess a canonical system name similar to
# config.sub. If it succeeds, it prints the system name on stdout, and
# exits with 0. Otherwise, it exits with 1.
#
# You can get the latest version of this script from:
# http://git.savannah.gnu.org/gitweb/?p=config.git;a=blob\_plain;f=config.guess;hb=HEAD
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\*\*\*\*\*/

/\*

\* FreeSec: libcrypt for NetBSD

\*

\* contrib/pgcrypto/crypt-des.c

\*

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\*

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\* this file should now \*only\* export crypt(), in order to make

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\*

\* Adapted for FreeBSD-4.0 by Mark R V Murray

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 \*  
 \* \$FreeBSD: src/secure/lib/libcrypt/crypt-des.c,v 1.12 1999/09/20 12:39:20 markm Exp \$  
 \*  
 \* This is an original implementation of the DES and the crypt(3) interfaces  
 \* by David Burren <davidb@werj.com.au>.  
 \*  
 \* An excellent reference on the underlying algorithm (and related  
 \* algorithms) is:  
 \*  
 \* B. Schneier, Applied Cryptography: protocols, algorithms,  
 \* and source code in C, John Wiley & Sons, 1994.  
 \*  
 \* Note that in that book's description of DES the lookups for the initial,  
 \* pbox, and final permutations are inverted (this has been brought to the  
 \* attention of the author). A list of errata for this book has been  
 \* posted to the sci.crypt newsgroup by the author and is available for FTP.  
 \*  
 \* ARCHITECTURE ASSUMPTIONS:  
 \* It is assumed that the 8-byte arrays passed by reference can be  
 \* addressed as arrays of uint32's (ie. the CPU is not picky about  
 \* alignment).  
 \*/  
 /\*  
 \* mbuf.c  
 \* Memory buffer operations.  
 \*  
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\*

\* contrib/pgcrypto/mbuf.c

\*/

/\* This is an independent implementation of the encryption algorithm: \*/

/\*           \*/

/\*    RIJNDAEL by Joan Daemen and Vincent Rijmen    \*/

/\*           \*/

/\* which is a candidate algorithm in the Advanced Encryption Standard \*/

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/\*           \*/

/\* Dr Brian Gladman (gladman@seven77.demon.co.uk) 14th January 1999 \*/

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```
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*
* src/port/snprintf.c
*/
```

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```
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```

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## 1.692 procps\_libs 3.2.8 :21.el6

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## 1.693 psmisc 22.6 :15.el6\_0.1

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```
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```
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m4\_if(m4\_PACKAGE\_VERSION, [2.61],,  
[m4\_fatal([this file was generated for autoconf 2.61.  
You have another version of autoconf. If you want to use that,  
you should regenerate the build system entirely.], [63]))]

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# 1.694 psqlodbc 09.01.0100

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# Usage: $progname [OPTION]... [MODE-ARG]...
#

```

# 1.695 pth 2.0.7 :9.3.e16

## 1.695.1 Available under license :

```

-----
| _\|_|_|_      ``Ian Fleming was a UNIX fan!
| | )|_|'_ \     How do I know? Well, James Bond
| _/|_|_|_|     had the (license to kill) number 007,
| | \_|_|_|     i.e., he could execute anyone!"

```

GNU Pth - The GNU Portable Threads

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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 be optional: if the application does not supply it, the square root function must still compute square roots.)

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

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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

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To 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>
```

```
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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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# 1.697 pygobject2 2.20.0 :5.e16

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# 1.698 python 2.6.6 :52.e16

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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
2.2	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
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes

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



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jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same

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

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1.3 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
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes

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## 1.702 python-slip 0.2.11 :1.e16

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## 1.703 python-suds 0.4.1 :3.e16

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## 1.704 python2.7 2.7.3-6+deb7u2

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

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

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

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Release	Derived	Year	Owner	GPL-
	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	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
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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schema/trex.py

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test/domapi/ (and test/test\_pyxmlldom.py)

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## 1.706 Quartz 1.5.2

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## 1.710 readline5 5.2-7

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This package was put together by Matthias Klose <doko@debian.org>, derived from the bash package by Guy Maor <maor@debian.org>, from the GNU sources at

<ftp.gnu.org:/pub/gnu/readline/readline-6.0.tar.gz>.



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This package was put together by Matthias Klose <doko@debian.org>.

Upstream source:

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Author: Per Bothner

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/\* A front-end using readline to "cook" input lines for Kawa.

\*

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From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.

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From test/CuTest.c, test/CuTest.h:

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```

/*****
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* Software Development Group
* National Center for Supercomputing Applications
* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*

```

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Thanks to the following people for their input:

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## :6.2.0.3.el6

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# 1.717 rpm 4.8.0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2. You may modify your copy or copies of the Library or any portion

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.



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

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

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

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

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

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#### END OF TERMS AND CONDITIONS

## Appendix: How to Apply These Terms to Your New Libraries

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

<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!

# 1.718 rsync 3.0.6 :5.el6\_0.1

## 1.718.1 Available under license :

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

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

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For the developers' and authors' protection, the GPL clearly explains

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

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

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

## TERMS AND CONDITIONS

### 0. Definitions.

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

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

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

To "propagate" a work means to do anything with it that, without

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#### 1. Source Code.

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

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

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

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source

includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work,

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

#### 6. Conveying Non-Source Forms.

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

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

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

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

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

Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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

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

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## 1.719 rsync 3.0.7-2

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

This package was put together by Philip Hands <phil@hands.com>, from sources obtained from:

<http://rsync.samba.org/ftp/rsync/rsync-2.5.4.tar.gz>

The current version was downloaded from:

<http://rsync.samba.org/ftp/rsync/src/rsync-3.0.7.tar.gz>

on 2010-01-05 by Paul Slootman <paul@debian.org> .

The changes were very minimal - merely adding support for the Debian package maintenance scheme by adding various debian/\* files.

The only significant change is passing the -4 / -6 options through to ssh. See the debian/patches/ directory.

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## 1.720 rsyslog 5.8.10 :6.e16

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Version 3, 29 June 2007

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## 1.721 rsyslog 4.6.2 :12.el6

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# 1.723 saaj-api 1.3

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## 1.724 saaj-impl 1.3.2

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## 1.727 scannotation 1.0.3

## 1.728 screen 4.0.3 :16.el6

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## 1.729 sed 4.2.1-7

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```
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```

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## 1.740 setserial 2.17 :25.el6

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```
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```
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# the same distribution terms that you use for the rest of that program.

# Written by Per Bothner <bothner@cygnus.com>.
# The master version of this file is at the FSF in /home/gd/gnu/lib.
#
# This script attempts to guess a canonical system name similar to
# config.sub. If it succeeds, it prints the system name on stdout, and
# exits with 0. Otherwise, it exits with 1.
#
# The plan is that this can be called by configure scripts if you
# don't specify an explicit system type (host/target name).
#
# Only a few systems have been added to this list; please add others
# (but try to keep the structure clean).
#
#!/bin/sh
#
# install - install a program, script, or datafile
# This comes from X11R5 (mit/util/scripts/install.sh).
#
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#
# Calling this script install-sh is preferred over install.sh, to prevent
# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch.
#
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* include/linux/serial.h
*
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## 1.742 sg3-utils 1.29-1

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4th January 2009

This package was debianized by Eric Schwartz <emschwar@debian.org> on Wed, 14 Nov 2001 17:05:56 -0700.

It was downloaded from <URL:http://sg.danny.cz/sg/>

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The author of sg3\_utils would like to thank the following people who have made contributions:

Andries Brouwer <aebr at win dot tue dot nl> rewrite of isosize (original written by Joerg Schilling). isosize is now found in the util-linux package and in the archive directory of this package.

Brian Bunker <Brian dot Bunker at netapp dot com> contributed sg\_read\_block\_limits and the target reset addition to sg\_reset [20090615]

Christophe Varoqui <christophe dot varoqui at free dot fr> original sg\_rtpg [20041229]

Clayton Weaver <cgweav at email dot com> contributed safe\_strerror().

Dave Johnson <ddj at ccv dot brown dot edu> improved disk defect list handling [20051218]

Dave Williams <dave at opensourcesolutions dot co dot uk> help with sg\_dd especially and "> 0x7fffffff" with sg\*\_dd [20060303]

Eric Schwartz <emschwar at debian dot org> who wrote these man pages: sg\_readcap, sg\_reset, sg\_scan, sg\_start, sg\_test\_rwbuf, sg\_turs and sginfo

Eric Youngdale <eric at andante dot org> author of scsi\_info on which sginfo is based.

Frank Jansen <fjansen at egenera dot com>: additions to sg\_scan; contributed code for '--alloc-length=' option in sg\_persist [20090402]

Grant Grundler <grundler at parisc-linux dot org> co-author of blk512-linux that has become sg\_format [20050201]

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Hayashi Naoyuki <titan at culzean dot org> port to Tru64 [20060127]



Heiko Eissfeldt <heiko at colossus dot escape dot de> sg based example programs for the original sg driver

Ingo van Lil <inguin at gmx dot de>  
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James Bottomley <jejb at parisc-linux dot org> co-author of blk512-linux that has become sg\_format [20050201]

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Kurt Garloff <garloff at suse dot de> original sg\_start and sg\_test\_rwbuf. Additions to sginfo and sg\_map.

Lars Marowsky-Brée <lmb at suse dot de> contributed Unit Path Report VPD page decoding in sg\_inq (vendor specific: EMC) and sg\_emc\_trespass utility

Luben Tuikov <ltuikov at yahoo dot com>  
help with documentation and other suggestions [20061014]  
contribution sg\_read\_buffer and sg\_write\_buffer [20061103]

Mark Knibbs <markk at clara dot co dot uk>  
suggested and tested oflag=sparse for sg\_dd

Martin Schwenke <martin at meltin dot net> added the raw switch "-r" to sg\_inq

Nate Dailey <Nate dot Dailey at stratus dot com > extended sg\_map for sparse disk node names (e.g. /dev/sdaaa) [20050511]

Pat LaVarre <p.lavarre at ieee dot org> pointed out danger of negative bpt values in sg\_dd (and friends); also problems when reading /dev/null

Peter Allworth <linsol at zeta dot org dot au> original dd clone design used by sg3\_utils's dd variants (e.g. sg\_dd).

Saeed Bishara contributed sg\_write\_long

Thomas Kolbe <tkolbe at partnersdata dot com>  
Solaris port help and testing [20070503]

Tim Hunt <tim at timhunt dot net> increased number of (sd and sg) devices that sginfo could detect.

Tom Steudten <steudten at gmx dot ch> sginfo addition: add '-Fhead' option  
to sort defect list by head.

Trent Piepho <xyzy at speakeasy dot org> print out some "sense key specific"  
data and "-6" switch for sg\_modes

Doug Gilbert  
15th June 2009

# 1.744 sgpio 1.2.0.10 :5.el6

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## 1.749 slang 2.2.1 :1.e16

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# 1.755 snmp4j-agent 1.4.2

# 1.756 sos 2.2 :38.e16

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```

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# 1.757 spring-aop 3.0.0.RELEASE

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 */
```

```
package org.springframework.aop.aspectj.annotation;
```

```
import java.lang.reflect.Method;
```

```
import org.aopalliance.aop.Advice;
```

```
import org.aspectj.lang.reflect.PerClauseKind;
```

```
import org.springframework.aop.Pointcut;
```

```
import org.springframework.aop.aspectj.AspectJExpressionPointcut;
import org.springframework.aop.aspectj.AspectJPrecedenceInformation;
import org.springframework.aop.aspectj.InstantiationModelAwarePointcutAdvisor;
import org.springframework.aop.aspectj.annotation.AbstractAspectJAdvisorFactory.AspectJAnnotation;
import org.springframework.aop.support.DynamicMethodMatcherPointcut;
import org.springframework.aop.support.Pointcuts;
```

```
/**
```

```
 * Internal implementation of AspectJPointcutAdvisor.
 * Note that there will be one instance of this advisor for each target method.
```

```
 *
```

```
 * @author Rod Johnson
```

```
 * @author Juergen Hoeller
```

```
 * @since 2.0
```

```
 */
```

```
class InstantiationModelAwarePointcutAdvisorImpl
    implements InstantiationModelAwarePointcutAdvisor, AspectJPrecedenceInformation {
```

```
    private final AspectJExpressionPointcut declaredPointcut;
```

```
    private Pointcut pointcut;
```

```
    private final MetadataAwareAspectInstanceFactory aspectInstanceFactory;
```

```
    private final Method method;
```

```
    private final boolean lazy;
```

```
    private final AspectJAdvisorFactory atAspectJAdvisorFactory;
```

```
    private Advice instantiatedAdvice;
```

```
    private int declarationOrder;
```

```
    private String aspectName;
```

```
    private Boolean isBeforeAdvice = null;
```

```
    private Boolean isAfterAdvice = null;
```

```
    public InstantiationModelAwarePointcutAdvisorImpl(
        AspectJAdvisorFactory af,
        AspectJExpressionPointcut ajexp,
        MetadataAwareAspectInstanceFactory aif,
        Method method,
        int declarationOrderInAspect,
        String aspectName) {
```

```

this.declaredPointcut = ajexp;
this.method = method;
this.atAspectJAdvisorFactory = af;
this.aspectInstanceFactory = aif;
this.declarationOrder = declarationOrderInAspect;
this.aspectName = aspectName;

if (aif.getAspectMetadata().isLazilyInstantiated()) {
    // Static part of the pointcut is a lazy type.
    Pointcut preInstantiationPointcut =
        Pointcuts.union(aif.getAspectMetadata().getPerClausePointcut(), this.declaredPointcut);

    // Make it dynamic: must mutate from pre-instantiation to post-instantiation state.
    // If it's not a dynamic pointcut, it may be optimized out
    // by the Spring AOP infrastructure after the first evaluation.
    this.pointcut = new PerTargetInstantiationModelPointcut(this.declaredPointcut, preInstantiationPointcut, aif);
    this.lazy = true;
}
else {
    // A singleton aspect.
    this.instantiatedAdvice = instantiateAdvice(this.declaredPointcut);
    this.pointcut = declaredPointcut;
    this.lazy = false;
}
}

/**
 * The pointcut for Spring AOP to use. Actual behaviour of the pointcut will change
 * depending on the state of the advice.
 */
public Pointcut getPointcut() {
    return this.pointcut;
}

/**
 * This is only of interest for Spring AOP: AspectJ instantiation semantics
 * are much richer. In AspectJ terminology, all a return of <code>>true</code>
 * means here is that the aspect is not a SINGLETON.
 */
public boolean isPerInstance() {
    return (getAspectMetadata().getAjType().getPerClause().getKind() != PerClauseKind.SINGLETON);
}

/**
 * Return the AspectJ AspectMetadata for this advisor.
 */

```

```

public AspectMetadata getAspectMetadata() {
    return this.aspectInstanceFactory.getAspectMetadata();
}

/**
 * Lazily instantiate advice if necessary.
 */
public synchronized Advice getAdvice() {
    if (this.instantiatedAdvice == null) {
        this.instantiatedAdvice = instantiateAdvice(this.declaredPointcut);
    }
    return this.instantiatedAdvice;
}

public boolean isLazy() {
    return this.lazy;
}

public synchronized boolean isAdviceInstantiated() {
    return (this.instantiatedAdvice != null);
}

private Advice instantiateAdvice(AspectJExpressionPointcut pcut) {
    return this.atAspectJAdvisorFactory.getAdvice(
        this.method, pcut, this.aspectInstanceFactory, this.declarationOrder, this.aspectName);
}

public MetadataAwareAspectInstanceFactory getAspectInstanceFactory() {
    return this.aspectInstanceFactory;
}

public AspectJExpressionPointcut getDeclaredPointcut() {
    return this.declaredPointcut;
}

public int getOrder() {
    return this.aspectInstanceFactory.getOrder();
}

public String getAspectName() {
    return this.aspectName;
}

public int getDeclarationOrder() {
    return this.declarationOrder;
}

```

```

public boolean isBeforeAdvice() {
    if (this.isBeforeAdvice == null) {
        determineAdviceType();
    }
    return this.isBeforeAdvice;
}

public boolean isAfterAdvice() {
    if (this.isAfterAdvice == null) {
        determineAdviceType();
    }
    return this.isAfterAdvice;
}

/**
 * Duplicates some logic from getAdvice, but importantly does not force
 * creation of the advice.
 */
private void determineAdviceType() {
    AspectJAnnotation<?> aspectJAnnotation =
        AbstractAspectJAdvisorFactory.findAspectJAnnotationOnMethod(this.method);
    if (aspectJAnnotation == null) {
        this.isBeforeAdvice = false;
        this.isAfterAdvice = false;
    }
    else {
        switch (aspectJAnnotation.getAnnotationType()) {
            case AtAfter:
            case AtAfterReturning:
            case AtAfterThrowing:
                this.isAfterAdvice = true;
                this.isBeforeAdvice = false;
                break;
            case AtAround:
            case AtPointcut:
                this.isAfterAdvice = false;
                this.isBeforeAdvice = false;
                break;
            case AtBefore:
                this.isAfterAdvice = false;
                this.isBeforeAdvice = true;
        }
    }
}

@Override
public String toString() {

```

```

return "InstantiationModelAwarePointcutAdvisor: expression [" + getDeclaredPointcut().getExpression() +
    "]; advice method [" + this.method + "]; perClauseKind=" +
    this.aspectInstanceFactory.getAspectMetadata().getAjType().getPerClause().getKind();

}

/**
 * Pointcut implementation that changes its behaviour when the advice is instantiated.
 * Note that this is a <i>dynamic</i> pointcut. Otherwise it might
 * be optimized out if it does not at first match statically.
 */
private class PerTargetInstantiationModelPointcut extends DynamicMethodMatcherPointcut {

    private final AspectJExpressionPointcut declaredPointcut;

    private final Pointcut preInstantiationPointcut;

    private LazySingletonAspectInstanceFactoryDecorator aspectInstanceFactory;

    private PerTargetInstantiationModelPointcut(AspectJExpressionPointcut declaredPointcut,
        Pointcut preInstantiationPointcut, MetadataAwareAspectInstanceFactory aspectInstanceFactory) {
        this.declaredPointcut = declaredPointcut;
        this.preInstantiationPointcut = preInstantiationPointcut;
        if (aspectInstanceFactory instanceof LazySingletonAspectInstanceFactoryDecorator) {
            this.aspectInstanceFactory = (LazySingletonAspectInstanceFactoryDecorator) aspectInstanceFactory;
        }
    }

    @Override
    public boolean matches(Method method, Class targetClass) {
        // We're either instantiated and matching on declared pointcut, or uninstantiated matching on either pointcut
        return (isAspectMaterialized() && this.declaredPointcut.matches(method, targetClass)) ||
            this.preInstantiationPointcut.getMethodMatcher().matches(method, targetClass);
    }

    public boolean matches(Method method, Class targetClass, Object[] args) {
        // This can match only on declared pointcut.
        return (isAspectMaterialized() && this.declaredPointcut.matches(method, targetClass));
    }

    private boolean isAspectMaterialized() {
        return (this.aspectInstanceFactory == null || this.aspectInstanceFactory.isMaterialized());
    }
}

```

```

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 */

package org.springframework.aop.aspectj.annotation;

import org.springframework.aop.aspectj.SimpleAspectInstanceFactory;
import org.springframework.core.Ordered;
import org.springframework.core.annotation.Order;

/**
 * Implementation of { @link MetadataAwareAspectInstanceFactory } that
 * creates a new instance of the specified aspect class for every
 * { @link #getAspectInstance() } call.
 *
 * @author Juergen Hoeller
 * @since 2.0.4
 */
public class SimpleMetadataAwareAspectInstanceFactory extends SimpleAspectInstanceFactory
    implements MetadataAwareAspectInstanceFactory {

    private final AspectMetadata metadata;

    /**
     * Create a new SimpleMetadataAwareAspectInstanceFactory for the given aspect class.
     * @param aspectClass the aspect class
     * @param aspectName the aspect name
     */
    public SimpleMetadataAwareAspectInstanceFactory(Class aspectClass, String aspectName) {
        super(aspectClass);
        this.metadata = new AspectMetadata(aspectClass, aspectName);
    }

    public final AspectMetadata getAspectMetadata() {

```



```

return this.metadata;
}

/**
 * Determine a fallback order for the case that the aspect instance
 * does not express an instance-specific order through implementing
 * the {@link org.springframework.core.Ordered} interface.
 * <p>The default implementation simply returns <code>Ordered.LOWEST_PRECEDENCE</code>.
 * @param aspectClass the aspect class
 */
@Override
protected int getOrderForAspectClass(Class<?> aspectClass) {
    Order order = aspectClass.getAnnotation(Order.class);
    if (order != null) {
        return order.value();
    }
    return Ordered.LOWEST_PRECEDENCE;
}

}

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 */

package org.springframework.aop.aspectj;

import org.springframework.aop.framework.AopConfigException;
import org.springframework.core.Ordered;
import org.springframework.util.Assert;

/**
 * Implementation of {@link AspectInstanceFactory} that creates a new instance
 * of the specified aspect class for every {@link #getAspectInstance()} call.
 *
 * @author Juergen Hoeller
 * @since 2.0.4

```

```

*/
public class SimpleAspectInstanceFactory implements AspectInstanceFactory {

    private final Class aspectClass;

    /**
     * Create a new SimpleAspectInstanceFactory for the given aspect class.
     * @param aspectClass the aspect class
     */
    public SimpleAspectInstanceFactory(Class aspectClass) {
        Assert.notNull(aspectClass, "Aspect class must not be null");
        this.aspectClass = aspectClass;
    }

    /**
     * Return the specified aspect class (never <code>null</code>).
     */
    public final Class getAspectClass() {
        return this.aspectClass;
    }

    public final Object getAspectInstance() {
        try {
            return this.aspectClass.newInstance();
        }
        catch (InstantiationException ex) {
            throw new AopConfigException("Unable to instantiate aspect class [" + this.aspectClass.getName() + "]", ex);
        }
        catch (IllegalAccessException ex) {
            throw new AopConfigException("Cannot access element class [" + this.aspectClass.getName() + "]", ex);
        }
    }

    public ClassLoader getAspectClassLoader() {
        return this.aspectClass.getClassLoader();
    }

    /**
     * Determine the order for this factory's aspect instance,
     * either an instance-specific order expressed through implementing
     * the { @link org.springframework.core.Ordered } interface,
     * or a fallback order.
     * @see org.springframework.core.Ordered
     * @see #getOrderForAspectClass
     */
    public int getOrder() {

```

```

return getOrderForAspectClass(this.aspectClass);
}

/**
 * Determine a fallback order for the case that the aspect instance
 * does not express an instance-specific order through implementing
 * the {@link org.springframework.core.Ordered} interface.
 * <p>The default implementation simply returns <code>Ordered.LOWEST_PRECEDENCE</code>.
 * @param aspectClass the aspect class
 */
protected int getOrderForAspectClass(Class<?> aspectClass) {
    return Ordered.LOWEST_PRECEDENCE;
}

}

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 */

package org.springframework.aop.config;

import org.springframework.aop.aspectj.AspectInstanceFactory;
import org.springframework.beans.factory.BeanFactory;
import org.springframework.beans.factory.BeanFactoryAware;
import org.springframework.beans.factory.config.ConfigurableBeanFactory;
import org.springframework.core.Ordered;
import org.springframework.util.ClassUtils;
import org.springframework.util.StringUtils;

/**
 * Implementation of {@link AspectInstanceFactory} that locates the aspect from the
 * {@link org.springframework.beans.factory.BeanFactory} using a configured bean name.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0

```

```

*/
public class SimpleBeanFactoryAwareAspectInstanceFactory implements AspectInstanceFactory,
BeanFactoryAware {

    private String aspectBeanName;

    private BeanFactory beanFactory;

    /**
     * Set the name of the aspect bean. This is the bean that is returned when calling
     * { @link #getAspectInstance()}.
     */
    public void setAspectBeanName(String aspectBeanName) {
        this.aspectBeanName = aspectBeanName;
    }

    public void setBeanFactory(BeanFactory beanFactory) {
        this.beanFactory = beanFactory;
        if (!StringUtils.hasText(this.aspectBeanName)) {
            throw new IllegalArgumentException("'aspectBeanName' is required");
        }
    }

    /**
     * Look up the aspect bean from the { @link BeanFactory } and returns it.
     * @see #setAspectBeanName
     */
    public Object getAspectInstance() {
        return this.beanFactory.getBean(this.aspectBeanName);
    }

    public ClassLoader getAspectClassLoader() {
        if (this.beanFactory instanceof ConfigurableBeanFactory) {
            return ((ConfigurableBeanFactory) this.beanFactory).getBeanClassLoader();
        }
        else {
            return ClassUtils.getDefaultClassLoader();
        }
    }

    public int getOrder() {
        if (this.beanFactory.isSingleton(this.aspectBeanName) &&
            this.beanFactory.isTypeMatch(this.aspectBeanName, Ordered.class)) {
            return ((Ordered) this.beanFactory.getBean(this.aspectBeanName)).getOrder();
        }
        return Ordered.LOWEST_PRECEDENCE;
    }

```

```

}

}
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 */

package org.springframework.aop.interceptor;

import org.aopalliance.intercept.MethodInvocation;
import org.apache.commons.logging.Log;

/**
 * Simple AOP Alliance MethodInterceptor that can be introduced
 * in a chain to display verbose trace information about intercepted method
 * invocations, with method entry and method exit info.
 *
 * <p>Consider using CustomizableTraceInterceptor for more
 * advanced needs.
 *
 * @author Dmitriy Kopylenko
 * @author Juergen Hoeller
 * @since 1.2
 * @see CustomizableTraceInterceptor
 */
public class SimpleTraceInterceptor extends AbstractTraceInterceptor {

    /**
     * Create a new SimpleTraceInterceptor with a static logger.
     */
    public SimpleTraceInterceptor() {

    }

    /**
     * Create a new SimpleTraceInterceptor with dynamic or static logger,
     * according to the given flag.

```

```

* @param useDynamicLogger whether to use a dynamic logger or a static logger
* @see #setUseDynamicLogger
*/
public SimpleTraceInterceptor(boolean useDynamicLogger) {
    setUseDynamicLogger(useDynamicLogger);
}

@Override
protected Object invokeUnderTrace(MethodInvocation invocation, Log logger) throws Throwable {
    String invocationDescription = getInvocationDescription(invocation);
    logger.trace("Entering " + invocationDescription);
    try {
        Object rval = invocation.proceed();
        logger.trace("Exiting " + invocationDescription);
        return rval;
    }
    catch (Throwable ex) {
        logger.trace("Exception thrown in " + invocationDescription, ex);
        throw ex;
    }
}

/**
 * Return a description for the given method invocation.
 * @param invocation the invocation to describe
 * @return the description
 */
protected String getInvocationDescription(MethodInvocation invocation) {
    return "method '" + invocation.getMethod().getName() + "' of class [" +
        invocation.getThis().getClass().getName() + "];"
}

}

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```

```

*/

package org.springframework.aop.target;

/**
 * Simple {@link org.springframework.aop.TargetSource} implementation,
 * freshly obtaining the specified target bean from its containing
 * Spring {@link org.springframework.beans.factory.BeanFactory}.
 *
 * <p>Can obtain any kind of target bean: singleton, scoped, or prototype.
 * Typically used for scoped beans.
 *
 * @author Juergen Hoeller
 * @since 2.0.3
 */
public class SimpleBeanTargetSource extends AbstractBeanFactoryBasedTargetSource {

    public Object getTarget() throws Exception {
        return getBeanFactory().getBean(getTargetBeanName());
    }

}

```

## 1.758 spring-asm 3.0.0.RELEASE

## 1.759 spring-beans 2.5.6

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# 1.760 spring-context 2.5.6

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# 1.761 spring-core 2.5.6

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# 1.762 spring-expression 3.0.0.RELEASE

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 */
```

```
package org.springframework.aop.aspectj.annotation;
```

```

import java.lang.reflect.Method;

import org.aopalliance.aop.Advice;
import org.aspectj.lang.reflect.PerClauseKind;

import org.springframework.aop.Pointcut;
import org.springframework.aop.aspectj.AspectJExpressionPointcut;
import org.springframework.aop.aspectj.AspectJPrecedenceInformation;
import org.springframework.aop.aspectj.InstantiationModelAwarePointcutAdvisor;
import org.springframework.aop.aspectj.annotation.AbstractAspectJAdvisorFactory.AspectJAnnotation;
import org.springframework.aop.support.DynamicMethodMatcherPointcut;
import org.springframework.aop.support.Pointcuts;

/**
 * Internal implementation of AspectJPointcutAdvisor.
 * Note that there will be one instance of this advisor for each target method.
 *
 * @author Rod Johnson
 * @author Juergen Hoeller
 * @since 2.0
 */
class InstantiationModelAwarePointcutAdvisorImpl
    implements InstantiationModelAwarePointcutAdvisor, AspectJPrecedenceInformation {

    private final AspectJExpressionPointcut declaredPointcut;

    private Pointcut pointcut;

    private final MetadataAwareAspectInstanceFactory aspectInstanceFactory;

    private final Method method;

    private final boolean lazy;

    private final AspectJAdvisorFactory atAspectJAdvisorFactory;

    private Advice instantiatedAdvice;

    private int declarationOrder;

    private String aspectName;

    private Boolean isBeforeAdvice = null;

    private Boolean isAfterAdvice = null;

    public InstantiationModelAwarePointcutAdvisorImpl(

```

```

AspectJAdvisorFactory af,
AspectJExpressionPointcut ajexp,
MetadataAwareAspectInstanceFactory aif,
Method method,
int declarationOrderInAspect,
String aspectName) {

this.declaredPointcut = ajexp;
this.method = method;
this.atAspectJAdvisorFactory = af;
this.aspectInstanceFactory = aif;
this.declarationOrder = declarationOrderInAspect;
this.aspectName = aspectName;

if (aif.getAspectMetadata().isLazilyInstantiated()) {
// Static part of the pointcut is a lazy type.
Pointcut preInstantiationPointcut =
    Pointcuts.union(aif.getAspectMetadata().getPerClausePointcut(), this.declaredPointcut);

// Make it dynamic: must mutate from pre-instantiation to post-instantiation state.
// If it's not a dynamic pointcut, it may be optimized out
// by the Spring AOP infrastructure after the first evaluation.
this.pointcut = new PerTargetInstantiationModelPointcut(this.declaredPointcut, preInstantiationPointcut, aif);
this.lazy = true;
}
else {
// A singleton aspect.
this.instantiatedAdvice = instantiateAdvice(this.declaredPointcut);
this.pointcut = declaredPointcut;
this.lazy = false;
}
}

/**
 * The pointcut for Spring AOP to use. Actual behaviour of the pointcut will change
 * depending on the state of the advice.
 */
public Pointcut getPointcut() {
return this.pointcut;
}

/**
 * This is only of interest for Spring AOP: AspectJ instantiation semantics
 * are much richer. In AspectJ terminology, all a return of <code>>true</code>
 * means here is that the aspect is not a SINGLETON.
 */
public boolean isPerInstance() {

```

```

return (getAspectMetadata().getAjType().getPerClause().getKind() != PerClauseKind.SINGLETON);
}

/**
 * Return the AspectJ AspectMetadata for this advisor.
 */
public AspectMetadata getAspectMetadata() {
return this.aspectInstanceFactory.getAspectMetadata();
}

/**
 * Lazily instantiate advice if necessary.
 */
public synchronized Advice getAdvice() {
if (this.instantiatedAdvice == null) {
this.instantiatedAdvice = instantiateAdvice(this.declaredPointcut);
}
return this.instantiatedAdvice;
}

public boolean isLazy() {
return this.lazy;
}

public synchronized boolean isAdviceInstantiated() {
return (this.instantiatedAdvice != null);
}

private Advice instantiateAdvice(AspectJExpressionPointcut pcut) {
return this.atAspectJAdvisorFactory.getAdvice(
this.method, pcut, this.aspectInstanceFactory, this.declarationOrder, this.aspectName);
}

public MetadataAwareAspectInstanceFactory getAspectInstanceFactory() {
return this.aspectInstanceFactory;
}

public AspectJExpressionPointcut getDeclaredPointcut() {
return this.declaredPointcut;
}

public int getOrder() {
return this.aspectInstanceFactory.getOrder();
}

public String getAspectName() {
return this.aspectName;
}

```

```

}

public int getDeclarationOrder() {
    return this.declarationOrder;
}

public boolean isBeforeAdvice() {
    if (this.isBeforeAdvice == null) {
        determineAdviceType();
    }
    return this.isBeforeAdvice;
}

public boolean isAfterAdvice() {
    if (this.isAfterAdvice == null) {
        determineAdviceType();
    }
    return this.isAfterAdvice;
}

/**
 * Duplicates some logic from getAdvice, but importantly does not force
 * creation of the advice.
 */
private void determineAdviceType() {
    AspectJAnnotation<?> aspectJAnnotation =
        AbstractAspectJAdvisorFactory.findAspectJAnnotationOnMethod(this.method);
    if (aspectJAnnotation == null) {
        this.isBeforeAdvice = false;
        this.isAfterAdvice = false;
    }
    else {
        switch (aspectJAnnotation.getAnnotationType()) {
            case AtAfter:
            case AtAfterReturning:
            case AtAfterThrowing:
                this.isAfterAdvice = true;
                this.isBeforeAdvice = false;
                break;
            case AtAround:
            case AtPointcut:
                this.isAfterAdvice = false;
                this.isBeforeAdvice = false;
                break;
            case AtBefore:
                this.isAfterAdvice = false;
                this.isBeforeAdvice = true;
        }
    }
}

```



```

}
}

@Override
public String toString() {
    return "InstantiationModelAwarePointcutAdvisor: expression [" + getDeclaredPointcut().getExpression() +
        "]; advice method [" + this.method + "]; perClauseKind=" +
        this.aspectInstanceFactory.getAspectMetadata().getAjType().getPerClause().getKind();
}

/**
 * Pointcut implementation that changes its behaviour when the advice is instantiated.
 * Note that this is a <i>dynamic</i> pointcut. Otherwise it might
 * be optimized out if it does not at first match statically.
 */
private class PerTargetInstantiationModelPointcut extends DynamicMethodMatcherPointcut {

    private final AspectJExpressionPointcut declaredPointcut;

    private final Pointcut preInstantiationPointcut;

    private LazySingletonAspectInstanceFactoryDecorator aspectInstanceFactory;

    private PerTargetInstantiationModelPointcut(AspectJExpressionPointcut declaredPointcut,
        Pointcut preInstantiationPointcut, MetadataAwareAspectInstanceFactory aspectInstanceFactory) {
        this.declaredPointcut = declaredPointcut;
        this.preInstantiationPointcut = preInstantiationPointcut;
        if (aspectInstanceFactory instanceof LazySingletonAspectInstanceFactoryDecorator) {
            this.aspectInstanceFactory = (LazySingletonAspectInstanceFactoryDecorator) aspectInstanceFactory;
        }
    }

    @Override
    public boolean matches(Method method, Class targetClass) {
        // We're either instantiated and matching on declared pointcut, or uninstantiated matching on either pointcut
        return (isAspectMaterialized() && this.declaredPointcut.matches(method, targetClass)) ||
            this.preInstantiationPointcut.getMethodMatcher().matches(method, targetClass);
    }

    public boolean matches(Method method, Class targetClass, Object[] args) {
        // This can match only on declared pointcut.
        return (isAspectMaterialized() && this.declaredPointcut.matches(method, targetClass));
    }

    private boolean isAspectMaterialized() {

```

```

    return (this.aspectInstanceFactory == null || this.aspectInstanceFactory.isMaterialized());
    }
}

}
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 */

package org.springframework.aop.aspectj.annotation;

import org.springframework.aop.aspectj.SimpleAspectInstanceFactory;
import org.springframework.core.Ordered;
import org.springframework.core.annotation.Order;

/**
 * Implementation of { @link MetadataAwareAspectInstanceFactory } that
 * creates a new instance of the specified aspect class for every
 * { @link #getAspectInstance() } call.
 *
 * @author Juergen Hoeller
 * @since 2.0.4
 */
public class SimpleMetadataAwareAspectInstanceFactory extends SimpleAspectInstanceFactory
    implements MetadataAwareAspectInstanceFactory {

    private final AspectMetadata metadata;

    /**
     * Create a new SimpleMetadataAwareAspectInstanceFactory for the given aspect class.
     * @param aspectClass the aspect class
     * @param aspectName the aspect name
     */
    public SimpleMetadataAwareAspectInstanceFactory(Class aspectClass, String aspectName) {
        super(aspectClass);

```

```

this.metadata = new AspectMetadata(aspectClass, aspectName);
}

public final AspectMetadata getAspectMetadata() {
    return this.metadata;
}

/**
 * Determine a fallback order for the case that the aspect instance
 * does not express an instance-specific order through implementing
 * the {@link org.springframework.core.Ordered} interface.
 * <p>The default implementation simply returns <code>Ordered.LOWEST_PRECEDENCE</code>.
 * @param aspectClass the aspect class
 */
@Override
protected int getOrderForAspectClass(Class<?> aspectClass) {
    Order order = aspectClass.getAnnotation(Order.class);
    if (order != null) {
        return order.value();
    }
    return Ordered.LOWEST_PRECEDENCE;
}

}

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 */

package org.springframework.aop.aspectj;

import org.springframework.aop.framework.AopConfigException;
import org.springframework.core.Ordered;
import org.springframework.util.Assert;

/**

```

```

* Implementation of {@link AspectInstanceFactory} that creates a new instance
* of the specified aspect class for every {@link #getAspectInstance()} call.
*
* @author Juergen Hoeller
* @since 2.0.4
*/
public class SimpleAspectInstanceFactory implements AspectInstanceFactory {

    private final Class aspectClass;

    /**
     * Create a new SimpleAspectInstanceFactory for the given aspect class.
     * @param aspectClass the aspect class
     */
    public SimpleAspectInstanceFactory(Class aspectClass) {
        Assert.notNull(aspectClass, "Aspect class must not be null");
        this.aspectClass = aspectClass;
    }

    /**
     * Return the specified aspect class (never <code>null</code>).
     */
    public final Class getAspectClass() {
        return this.aspectClass;
    }

    public final Object getAspectInstance() {
        try {
            return this.aspectClass.newInstance();
        }
        catch (InstantiationException ex) {
            throw new AopConfigException("Unable to instantiate aspect class [" + this.aspectClass.getName() + "]", ex);
        }
        catch (IllegalAccessException ex) {
            throw new AopConfigException("Cannot access element class [" + this.aspectClass.getName() + "]", ex);
        }
    }

    public ClassLoader getAspectClassLoader() {
        return this.aspectClass.getClassLoader();
    }

    /**
     * Determine the order for this factory's aspect instance,
     * either an instance-specific order expressed through implementing
     * the {@link org.springframework.core.Ordered} interface,

```

```

* or a fallback order.
* @see org.springframework.core.Ordered
* @see #getOrderForAspectClass
*/
public int getOrder() {
    return getOrderForAspectClass(this.aspectClass);
}

/**
 * Determine a fallback order for the case that the aspect instance
 * does not express an instance-specific order through implementing
 * the { @link org.springframework.core.Ordered} interface.
 * <p>The default implementation simply returns <code>Ordered.LOWEST_PRECEDENCE</code>.
 * @param aspectClass the aspect class
 */
protected int getOrderForAspectClass(Class<?> aspectClass) {
    return Ordered.LOWEST_PRECEDENCE;
}

}

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 */

package org.springframework.aop.config;

import org.springframework.aop.aspectj.AspectInstanceFactory;
import org.springframework.beans.factory.BeanFactory;
import org.springframework.beans.factory.BeanFactoryAware;
import org.springframework.beans.factory.config.ConfigurableBeanFactory;
import org.springframework.core.Ordered;
import org.springframework.util.ClassUtils;
import org.springframework.util.StringUtils;

/**
 * Implementation of { @link AspectInstanceFactory} that locates the aspect from the

```

```

* { @link org.springframework.beans.factory.BeanFactory } using a configured bean name.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/
public class SimpleBeanFactoryAwareAspectInstanceFactory implements AspectInstanceFactory,
BeanFactoryAware {

    private String aspectBeanName;

    private BeanFactory beanFactory;

    /**
     * Set the name of the aspect bean. This is the bean that is returned when calling
     * { @link #getAspectInstance() }.
     */
    public void setAspectBeanName(String aspectBeanName) {
        this.aspectBeanName = aspectBeanName;
    }

    public void setBeanFactory(BeanFactory beanFactory) {
        this.beanFactory = beanFactory;
        if (!StringUtils.hasText(this.aspectBeanName)) {
            throw new IllegalArgumentException("'aspectBeanName' is required");
        }
    }

    /**
     * Look up the aspect bean from the { @link BeanFactory } and returns it.
     * @see #setAspectBeanName
     */
    public Object getAspectInstance() {
        return this.beanFactory.getBean(this.aspectBeanName);
    }

    public ClassLoader getAspectClassLoader() {
        if (this.beanFactory instanceof ConfigurableBeanFactory) {
            return ((ConfigurableBeanFactory) this.beanFactory).getBeanClassLoader();
        }
        else {
            return ClassUtils.getDefaultClassLoader();
        }
    }

    public int getOrder() {

```

```

if (this.beanFactory.isSingleton(this.aspectBeanName) &&
    this.beanFactory.isTypeMatch(this.aspectBeanName, Ordered.class)) {
    return ((Ordered) this.beanFactory.getBean(this.aspectBeanName)).getOrder();
}
return Ordered.LOWEST_PRECEDENCE;
}

}

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 */

package org.springframework.aop.interceptor;

import org.aopalliance.intercept.MethodInvocation;
import org.apache.commons.logging.Log;

/**
 * Simple AOP Alliance MethodInterceptor that can be introduced
 * in a chain to display verbose trace information about intercepted method
 * invocations, with method entry and method exit info.
 *
 * <p>Consider using CustomizableTraceInterceptor for more
 * advanced needs.
 *
 * @author Dmitriy Kopylenko
 * @author Juergen Hoeller
 * @since 1.2
 * @see CustomizableTraceInterceptor
 */
public class SimpleTraceInterceptor extends AbstractTraceInterceptor {

    /**
     * Create a new SimpleTraceInterceptor with a static logger.
     */
    public SimpleTraceInterceptor() {

```

```

}

/**
 * Create a new SimpleTraceInterceptor with dynamic or static logger,
 * according to the given flag.
 * @param useDynamicLogger whether to use a dynamic logger or a static logger
 * @see #setUseDynamicLogger
 */
public SimpleTraceInterceptor(boolean useDynamicLogger) {
    setUseDynamicLogger(useDynamicLogger);
}

@Override
protected Object invokeUnderTrace(MethodInvocation invocation, Log logger) throws Throwable {
    String invocationDescription = getInvocationDescription(invocation);
    logger.trace("Entering " + invocationDescription);
    try {
        Object rval = invocation.proceed();
        logger.trace("Exiting " + invocationDescription);
        return rval;
    }
    catch (Throwable ex) {
        logger.trace("Exception thrown in " + invocationDescription, ex);
        throw ex;
    }
}

/**
 * Return a description for the given method invocation.
 * @param invocation the invocation to describe
 * @return the description
 */
protected String getInvocationDescription(MethodInvocation invocation) {
    return "method " + invocation.getMethod().getName() + " of class [" +
        invocation.getThis().getClass().getName() + "]";
}

}

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 */

```



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\*/

```
package org.springframework.aop.target;
```

/\*\*

- \* Simple { @link org.springframework.aop.TargetSource } implementation,
- \* freshly obtaining the specified target bean from its containing
- \* Spring { @link org.springframework.beans.factory.BeanFactory }.

\*

\* <p>Can obtain any kind of target bean: singleton, scoped, or prototype.

\* Typically used for scoped beans.

\*

\* @author Juergen Hoeller

\* @since 2.0.3

\*/

```
public class SimpleBeanTargetSource extends AbstractBeanFactoryBasedTargetSource {
```

```
    public Object getTarget() throws Exception {
        return getBeanFactory().getBean(getTargetBeanName());
    }
}
```

```
}
```

## 1.763 spring-web 2.5.6

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```

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## 1.767 standard 1.1.2

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# 1.776 sudo 1.8.6p3

## 1.776.1 Available under license :

```
# =====
# http://www.gnu.org/software/autoconf-archive/ax\_check\_link\_flag.html
# =====
#
# SYNOPSIS
#
# AX_CHECK_LINK_FLAG(FLAGS, [ACTION-SUCCESS], [ACTION-FAILURE], [EXTRA-FLAGS])
#
# DESCRIPTION
#
# Check whether the given FLAG works with the linker or gives an error.
# (Warnings, however, are ignored)
#
# ACTION-SUCCESS/ACTION-FAILURE are shell commands to execute on
# success/failure.
#
# If EXTRA-FLAGS is defined, it is added to the linker's default flags
# when the check is done. The check is thus made with the flags: "LDFLAGS
# EXTRA-FLAGS FLAG". This can for example be used to force the linker to
# issue an error when a bad flag is given.
#
# NOTE: Implementation based on AX_CFLAGS_GCC_OPTION. Please keep this
# macro in sync with AX_CHECK_{PREPROC,COMPILE}_FLAG.
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## 1.779 switch-perl 2.16 : Oct 23 2009

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Source: <http://search.cpan.org/dist/Switch/>

Name: Switch

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## 1.783 syslog-ng 3.2.5 :3.el6

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```

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FAQ:

====

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Q: Do I need to sign a Contributory License Agreement in order for my contribution to be accepted?

A: No, starting with syslog-ng 3.2, you don't need to sign a CLA in order to have your contributions accepted.

Q: Is it possible to create non-free plugins for syslog-ng?

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Q: Who is permitted to create non-free plugins for syslog-ng? Is it just BalaBit (the current copyright holder as of the initial 3.2 release)?

A: No, everyone including BalaBit.

This is syslog-ng, written and maintained by <bazsi@balabit.hu>  
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A: No, everyone including BalaBit.

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It works through managing symlinks in `/etc/rc?.d`

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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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## 1.789 tar 1.23-3

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Version 3, 29 June 2007

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## 1.790 tar 1.23 :3.e16

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Version 3, 29 June 2007

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## 1.794 tcpdump 4.0.0

## :3.20090921 gitdf3cb4.1.el6

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\*/

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\*  
\* @(#) \$Header: /tcpdump/master/tcpdump/atmuni31.h,v 1.3 2007-10-22 19:37:51 guy Exp \$ (LBL)  
\*/  
/\*  
\* The authors of this code are John Ioannidis (ji@tla.org),  
\* Angelos D. Keromytis (kermit@csd.ucl.ac.uk) and  
\* Niels Provos (provos@physnet.uni-hamburg.de).  
\*  
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\*  
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\*  
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## 1.795 tcpdump 4.1.1-1

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It was downloaded from <http://www.tcpcdump.org/>

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Summary: The client for the Trivial File Transfer Protocol (TFTP)
Name: tftp
Version: 0.49
Release: 7% { ?dist }
License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.bz2
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```

```
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```
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#
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#
# Calling this script install-sh is preferred over install.sh, to prevent
# `make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
```

```
# This script is compatible with the BSD install script, but was written
# from scratch.
#
```

# 1.801 tmpwatch 2.9.16 :4.el6

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```

## 1.802 tomcat 7.0.41

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
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The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
  - javaee\_web\_services\_1\_2.xsd
  - javaee\_web\_services\_client\_1\_2.xsd
  - javaee\_6.xsd
  - javaee\_web\_services\_1\_3.xsd
  - javaee\_web\_services\_client\_1\_3.xsd
  - jsp\_2\_2.xsd
  - web-app\_3\_0.xsd
  - web-common\_3\_0.xsd
  - web-fragment\_3\_0.xsd
- may be obtained from <http://java.sun.com/xml/ns/javaee/>

# 1.803 tomcat-annotations-api 7.0.16

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
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- web-app\_3\_0.xsd
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The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd

- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
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- web-common\_3\_0.xsd
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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd

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## 1.806 tomcat-coyote 7.0.16

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```
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*
*/
```

```
package org.apache.tomcat.util.bcel.classfile;
```

```
import java.io.DataOutputStream;
```

```
import java.io.IOException;
```

```
import org.apache.tomcat.util.bcel.Constants;
```

```
public class SimpleElementValue extends ElementValue
```

```
{
```

```
    private int index;
```

```
    public SimpleElementValue(int type, int index, ConstantPool cpool)
```

```
    {
```

```
        super(type, cpool);
```

```
        this.index = index;
```

```
    }
```

```
    /**
```

```
     * @return Value entry index in the cpool
```

```
     */
```

```
    public int getIndex()
```

```
    {
```

```
        return index;
```

```
    }
```

```
    @Override
```

```
    public String toString()
```

```
    {
```

```
        return stringifyValue();
```

```
    }
```

```
    // Whatever kind of value it is, return it as a string
```

```
    @Override
```

```
    public String stringifyValue()
```

```
    {
```

```
        switch (type)
```

```
        {
```

```
            case PRIMITIVE_INT:
```

```
                ConstantInteger c = (ConstantInteger) cpool.getConstant(getIndex()),
```

```
                    Constants.CONSTANT_Integer;
```

```
                return Integer.toString(c.getBytes());
```

```
            case PRIMITIVE_LONG:
```

```
                ConstantLong j = (ConstantLong) cpool.getConstant(getIndex()),
```

```

        Constants.CONSTANT_Long);
    return Long.toString(j.getBytes());
case PRIMITIVE_DOUBLE:
    ConstantDouble d = (ConstantDouble) cpool.getConstant(getIndex(),
        Constants.CONSTANT_Double);
    return Double.toString(d.getBytes());
case PRIMITIVE_FLOAT:
    ConstantFloat f = (ConstantFloat) cpool.getConstant(getIndex(),
        Constants.CONSTANT_Float);
    return Float.toString(f.getBytes());
case PRIMITIVE_SHORT:
    ConstantInteger s = (ConstantInteger) cpool.getConstant(getIndex(),
        Constants.CONSTANT_Integer);
    return Integer.toString(s.getBytes());
case PRIMITIVE_BYTE:
    ConstantInteger b = (ConstantInteger) cpool.getConstant(getIndex(),
        Constants.CONSTANT_Integer);
    return Integer.toString(b.getBytes());
case PRIMITIVE_CHAR:
    ConstantInteger ch = (ConstantInteger) cpool.getConstant(
        getIndex(), Constants.CONSTANT_Integer);
    return String.valueOf((char)ch.getBytes());
case PRIMITIVE_BOOLEAN:
    ConstantInteger bo = (ConstantInteger) cpool.getConstant(
        getIndex(), Constants.CONSTANT_Integer);
    if (bo.getBytes() == 0) {
        return "false";
    }
    return "true";
case STRING:
    ConstantUtf8 cu8 = (ConstantUtf8) cpool.getConstant(getIndex(),
        Constants.CONSTANT_Utf8);
    return cu8.getBytes();
default:
    throw new RuntimeException(
        "SimpleElementValue class does not know how to stringify type "
        + type);
}
}

```

```

@Override
public void dump(DataOutputStream dos) throws IOException
{
    dos.writeByte(type); // u1 kind of value
    switch (type)
    {
    case PRIMITIVE_INT:
    case PRIMITIVE_BYTE:

```

```

    case PRIMITIVE_CHAR:
    case PRIMITIVE_FLOAT:
    case PRIMITIVE_LONG:
    case PRIMITIVE_BOOLEAN:
    case PRIMITIVE_SHORT:
    case PRIMITIVE_DOUBLE:
    case STRING:
        dos.writeShort(getIndex());
        break;
    default:
        throw new RuntimeException(
            "SimpleElementValue doesnt know how to write out type "
                + type);
    }
}
}
}
/*
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 */
package org.apache.tomcat.util.http.fileupload.util;

import java.io.Serializable;
import java.util.ArrayList;
import java.util.Collections;
import java.util.HashMap;
import java.util.Iterator;
import java.util.List;
import java.util.Locale;
import java.util.Map;

import org.apache.tomcat.util.http.fileupload.FileItemHeaders;

/**
 * Default implementation of the { @link FileItemHeaders } interface.

```

```

*
* @author Michael C. Macaluso
* @since 1.3
*/
public class FileItemHeadersImpl implements FileItemHeaders, Serializable {
    private static final long serialVersionUID = -4455695752627032559L;

    /**
     * Map of String keys to a List of
     * String instances.
     */
    private final Map<String,List<String>> headerNameToValueListMap =
        new HashMap<String,List<String>>();

    /**
     * List to preserve order of headers as added. This would not be
     * needed if a LinkedHashMap could be used, but don't
     * want to depend on 1.4.
     */
    private final List<String> headerNameList = new ArrayList<String>();

    public String getHeader(String name) {
        String nameLower = name.toLowerCase(Locale.ENGLISH);
        List<String> headerValueList = headerNameToValueListMap.get(nameLower);
        if (null == headerValueList) {
            return null;
        }
        return headerValueList.get(0);
    }

    public Iterator<String> getHeaderNames() {
        return headerNameList.iterator();
    }

    public Iterator<String> getHeaders(String name) {
        String nameLower = name.toLowerCase(Locale.ENGLISH);
        List<String> headerValueList = headerNameToValueListMap.get(nameLower);
        if (null == headerValueList) {
            return Collections.<String>emptyList().iterator();
        }
        return headerValueList.iterator();
    }

    /**
     * Method to add header values to this instance.
     *
     * @param name name of this header
     * @param value value of this header

```



```

*/
public synchronized void addHeader(String name, String value) {
    String nameLower = name.toLowerCase();
    List<String> headerValueList = headerNameToValueListMap.get(nameLower);
    if (null == headerValueList) {
        headerValueList = new ArrayList<String>();
        headerNameToValueListMap.put(nameLower, headerValueList);
        headerNameList.add(nameLower);
    }
    headerValueList.add(value);
}
}
/*
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*/
package org.apache.tomcat.util.http.fileupload.util;

import java.io.FilterInputStream;
import java.io.IOException;
import java.io.InputStream;

/**
* An input stream, which limits its data size. This stream is
* used, if the content length is unknown.
*/
public abstract class LimitedInputStream
    extends FilterInputStream implements Closeable {
    /**
    * The maximum size of an item, in bytes.
    */
    private long sizeMax;
    /**
    * The current number of bytes.
    */

```

```

private long count;
/**
 * Whether this stream is already closed.
 */
private boolean closed;

/**
 * Creates a new instance.
 * @param pIn The input stream, which shall be limited.
 * @param pSizeMax The limit; no more than this number of bytes
 * shall be returned by the source stream.
 */
public LimitedInputStream(InputStream pIn, long pSizeMax) {
    super(pIn);
    sizeMax = pSizeMax;
}

/**
 * Called to indicate, that the input streams limit has
 * been exceeded.
 * @param pSizeMax The input streams limit, in bytes.
 * @param pCount The actual number of bytes.
 * @throws IOException The called method is expected
 * to raise an IOException.
 */
protected abstract void raiseError(long pSizeMax, long pCount)
    throws IOException;

/** Called to check, whether the input streams
 * limit is reached.
 * @throws IOException The given limit is exceeded.
 */
private void checkLimit() throws IOException {
    if (count > sizeMax) {
        raiseError(sizeMax, count);
    }
}

/**
 * Reads the next byte of data from this input stream. The value
 * byte is returned as an int in the range
 * 0 to 255. If no byte is available
 * because the end of the stream has been reached, the value
 * -1 is returned. This method blocks until input data
 * is available, the end of the stream is detected, or an exception
 * is thrown.
 * <p>
 * This method

```

```

* simply performs in.read() and returns the result.
*
* @return the next byte of data, or -1 if the end of the
* stream is reached.
* @exception IOException if an I/O error occurs.
* @see java.io.FilterInputStream#in
*/
@Override
public int read() throws IOException {
    int res = super.read();
    if (res != -1) {
        count++;
        checkLimit();
    }
    return res;
}

/**
* Reads up to len bytes of data from this input stream
* into an array of bytes. If len is not zero, the method
* blocks until some input is available; otherwise, no
* bytes are read and 0 is returned.
* <p>
* This method simply performs in.read(b, off, len)
* and returns the result.
*
* @param b the buffer into which the data is read.
* @param off The start offset in the destination array
* <code>b</code>.
* @param len the maximum number of bytes read.
* @return the total number of bytes read into the buffer, or
* <code>-1</code> if there is no more data because the end of
* the stream has been reached.
* @exception NullPointerException If b is null.
* @exception IndexOutOfBoundsException If off is negative,
* <code>len</code> is negative, or <code>len</code> is greater than
* <code>b.length - off</code>
* @exception IOException if an I/O error occurs.
* @see java.io.FilterInputStream#in
*/
@Override
public int read(byte[] b, int off, int len) throws IOException {
    int res = super.read(b, off, len);
    if (res > 0) {
        count += res;
        checkLimit();
    }
    return res;
}

```

```

    }

    /**
     * Returns, whether this stream is already closed.
     * @return True, if the stream is closed, otherwise false.
     * @throws IOException An I/O error occurred.
     */
    public boolean isClosed() throws IOException {
        return closed;
    }

    /**
     * Closes this input stream and releases any system resources
     * associated with the stream.
     * This
     * method simply performs in.close().
     *
     * @exception IOException if an I/O error occurs.
     * @see java.io.FilterInputStream#in
     */
    @Override
    public void close() throws IOException {
        closed = true;
        super.close();
    }
}

```

# 1.807 tomcat-el-api 7.0.16

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## 1.816.1 Available under license :

README -- trio

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Trio is intended to be an integral part of another application, so we have not done anything to create a proper installation.

Compile with 'make' (edit the Makefile if you want a release build)

Test the package with 'make test'

Install by copying trio.h, triop.h, and libtrio.a (and man/man?/\* if you want documentation) to the appropriate directories.

Catch some usage examples in example.c

Send feedback and patches to the mailing list, subscription and other information is found here:

<http://lists.sourceforge.net/lists/listinfo/ctrio-talk>

Enjoy!

Trio web page

<http://daniel.haxx.se/trio/>

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It was downloaded from <http://dejavu.sourceforge.net/>

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It was downloaded from <http://sourceforge.jp/projects/efont/files/>

Upstream Authors:

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- \* KANOUE Hiroki <kanou@khdd.net>
- \* efont-devel <<http://lists.sourceforge.jp/mailman/listinfo/efont-devel>>

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Maintainer's explanation:

The family of ttf-kochi-{gothic,mincho},  
ttf-kochi-{gothic,mincho}-naga10 consists of the 2 font;  
gothic and mincho.

I describe ttf-kochi-{gothic,mincho} as ttf-kochi-\*,  
ttf-kochi-{gothic,mincho}-naga10 as ttf-kochi-\*-naga10.

The difference of between ttf-kochi-\* and ttf-kochi-\*-naga10  
is that ttf-kochi-\*-naga10 includes naga10 font, but  
ttf-kochi-\*-naga10 is removed all naga10 information by me.  
Naga10 font is DFSG non-free, and the other part of  
ttf-kochi-\* is DFSG free, so ttf-kochi-\* is main and  
ttf-kochi-\*-naga10 is non-free.

ttf-kochi-gothic-naga10 is based on Wadalab Gothic font  
(you can use it as ttf-xtt-wadalab-gothic debian package),

ttf-kochi-mincho-naga10 is based on Watanabe Mincho font (you can use it as ttf-xtt-watanabe-mincho debian package), but the upstream author introduced naga10 (xfonts-naga10 as debian non-free section package), shinonome (xfonts-shinonome in main section), tachibana k14 (it's included in X11 standard distribution, in main section), kappa20 (xfonts-kappa20 in main section), for the truetype bitmap hinting information. The upstream author says the license of his derrived work is followed by Wadalab Gothic/Watanabe Mincho font, so his part of license is the DFSG free. The shinonome, tachibana k14, kappa20 is also DFSG free. The part of naga10 is non-free. ttf-kochi-\* removes all naga10 information by me, so ttf-kochi-\* is DFSG free. ttf-kochi-\*-naga10 includes naga10 information, so it's DFSG non-free.

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ftp.ipl.t.u-tokyo.ac.jp
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You have to read docs/naga10/README using as commercial purpose, or modifying data, because this font uses naga10 font. In addition, if you modify other part of this font except for naga10 font, the license of this is followed as naga10 font when you redistribute or use for commercial purpose.

On the contrally, if you remove the part of naga10 bitmap information, this font becomes corresponding to Wadalab font license.

Maintainer's supplement:

ttf-kochi-{mincho,gothic} removes all naga10 information, so you can use it as DFSG-free. Kappa20's license is DFSG-free (see kappa20 package). I notice you that upstream author is not familiar with license issue, so his statement has some confusion.

And please read README.Debian. Old ttf-kochi-{mincho,gothic} and ttf-kochi-{mincho,gothic}-naga10 are replaced with new ttf-kochi substitute family. This is because "Watanabe truetype font" has license problem, and newer debian package replaces all problem stuff.

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# 1.819 ttf-sazanami 20040629-8

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activeio-2.0-r118.jar  
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addressing-1.3.mar  
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gdata-media-1.0.jar  
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geronimo-javamail\_1.4\_spec-1.2.jar  
geronimo-jms\_1.1\_spec-1.1.jar  
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neethi-2.0.4.jar  
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ode-bpel-dao-1.1.1.jar  
ode-bpel-epr-1.1.1.jar  
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ode-dao-jpa-ojpa-derby-1.1.1.zip  
ode-jacob-1.1.1.jar  
ode-jacob-ap-1.1.1.jar  
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ode-utils-1.1.1.jar  
openjpa-all-0.9.7-incubating.jar  
openjpa-persistence-0.9.7-incubating.jar  
opensaml-1.1.jar  
org.apache.felix.bundlerepository-1.0.3.jar  
org.apache.felix.framework-1.0.4.jar  
org.apache.felix.main-1.0.4.jar  
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spring-beans-2.5.5.jar  
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For the Rhino JavaScript engine js-1.6R7.jar:

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Version 1.1

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=====  
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/\*

\$Id: LICENSE.txt 156 2003-09-26 17:36:37Z jstrachan \$

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activation-1.1.jar,  
jaxb-api-2.1.jar,  
jaxb-impl-2.1.7.jar,  
jaxb-xjc-2.1.7.jar,  
jsr181-api-1.0-MR1.jar,  
jsr250-api-1.0.jar,  
jaxws-api-2.1.jar,  
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```
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```

```
import java.io.BufferedWriter;  
import java.io.File;  
import java.io.FileWriter;  
import java.io.IOException;  
import java.util.ArrayList;  
import java.util.HashMap;  
import java.util.Iterator;  
import java.util.LinkedList;  
import java.util.List;  
import java.util.Map;  
import java.util.Set;  
import java.util.SortedMap;  
import java.util.TreeMap;  
import java.util.TreeSet;
```

```
/**
```

```
* <code>Simple</code> generates TimeZoneData, which had been used as internal  
* data of TimeZone before J2SDK1.3.  
* Since J2SDK1.4 doesn't need TimeZoneData, this class is for maintenance  
* of old JDK release.
```

```
*/
```

```
class Simple extends BackEnd {
```

```
    /**
```

```
     * Zone records which are applied for given year.
```

```
    */
```

```
    private static Map<String,ZoneRec> lastZoneRecs  
= new HashMap<String,ZoneRec>();
```

```
    /**
```

```
     * Rule records which are applied for given year.
```

```

    */
    private static Map<String,List<RuleRec>> lastRules
= new TreeMap<String,List<RuleRec>>();

    /**
    * zone IDs sorted by their GMT offsets. If zone's GMT
    * offset will change in the future, its last known offset is
    * used.
    */
    private SortedMap<Integer, Set<String>> zonesByOffset
= new TreeMap<Integer, Set<String>>();

    /**
    * Sets last Rule records and Zone records for given timezone to
    * each Map.
    *
    * @param tz Timezone object for each zone
    * @return always 0
    */
    int processZoneinfo(Timezone tz) {
String zonename = tz.getName();

lastRules.put(zonename, tz.getLastRules());
lastZoneRecs.put(zonename, tz.getLastZoneRec());

// Populate zonesByOffset. (Zones that will change their
// GMT offsets are also added to zonesByOffset here.)
int lastKnownOffset = tz.getRawOffset();
Set<String> set = zonesByOffset.get(lastKnownOffset);
if (set == null) {
    set = new TreeSet<String>();
    zonesByOffset.put(lastKnownOffset, set);
}
set.add(zonename);

return 0;
}

    /**
    * Generates TimeZoneData to output SimpleTimeZone data.
    * @param map Mappings object which is generated by { @link Main#compile }.
    * @return 0 if no error occurred, otherwise 1.
    */
    int generateSrc(Mappings map) {
try {
    String outputDir = Main.getOutputDir();
    File outD = new File(outputDir);

```

```

    if (!outputDir.endsWith(File.separator)) {
outputDir += outD.separator;
    }
    outD.mkdirs();

    FileWriter fw =
new FileWriter(outputDir + "TimeZoneData.java", false);
    BufferedWriter out = new BufferedWriter(fw);

    out.write("import java.util.SimpleTimeZone;\n\n");
    out.write("    static SimpleTimeZone zones[] = {\n\n");

    Map<String,String> a = map.getAliases();
    List<Integer> roi = map.getRawOffsetsIndex();
    List<Set<String>> roit = map.getRawOffsetsIndexTable();

    int index = 0;
    for (int offset : zonesByOffset.keySet()) {
int o = roi.get(index);
Set<String> set = zonesByOffset.get(offset);
if (offset == o) {
    // Merge aliases into zonesByOffset
    set.addAll(roit.get(index));
}
index++;

for (String key : set) {
    ZoneRec zrec;
    String realname;
    List<RuleRec> stz;
    if ((realname = a.get(key)) != null) {
// if this alias is not targeted, ignore it.
if (!Zone.isTargetZone(key)) {
        continue;
    }
    stz = lastRules.get(realname);
    zrec = lastZoneRecs.get(realname);
    } else {
    stz = lastRules.get(key);
    zrec = lastZoneRecs.get(key);
    }

    out.write("\t//-----\n");
    String s = Time.toFormedString(offset);
    out.write("\tnew SimpleTimeZone(" +
Time.toFormedString(offset) + ", \"" + key + "\"");
    if (realname != null) {
out.write(" /* " + realname + " */");

```

```

    }

    if (stz == null) {
out.write(")\n");
    } else {
RuleRec rr0 = stz.get(0);
RuleRec rr1 = stz.get(1);

out.write("\n\t " + Month.toString(rr0.getMonthNum()) +
    ", " + rr0.getDay().getDayForSimpleTimeZone() + ", " +
    rr0.getDay().getDayOfWeekForSimpleTimeZone() + ", " +
    Time.toFormedString((int)rr0.getTime().getTime()) + ", " +
    rr0.getTime().getTypeForSimpleTimeZone() + ",\n" +

    "\t " + Month.toString(rr1.getMonthNum()) + ", " +
    rr1.getDay().getDayForSimpleTimeZone() + ", " +
    rr1.getDay().getDayOfWeekForSimpleTimeZone() + ", " +
    Time.toFormedString((int)rr1.getTime().getTime()) + ", " +
    rr1.getTime().getTypeForSimpleTimeZone() + ",\n" +

    "\t " + Time.toFormedString(rr0.getSave()) + ")\n");

out.write("\t// " + rr0.getLine() + "\n");
out.write("\t// " + rr1.getLine() + "\n");
    }

    String zline = zrec.getLine();
    if (zline.indexOf("Zone") == -1) {
zline = "Zone " + key + "\t" + zline.trim();
    }
    out.write("\t// " + zline + "\n");
}
}
out.write("    ");
}

out.close();
fw.close();
} catch(IOException e) {
    Main.panic("IO error: "+e.getMessage());
    return 1;
}

return 0;
}
}

```

# 1.824 tzdata 2014e :1.el6

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## 1.827 udev 164-3

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Ty Coon, President of Vice



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Version 2, June 1991

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

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

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

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

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

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

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

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

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

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(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.

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# 1.830 unixodbc 2.2.12

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*
* A collection of File Manager and related routines
*
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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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\*  
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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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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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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object

file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

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

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

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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```
# Calling this script install-sh is preferred over install.sh, to prevent
# `make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch.
\` cfdisk.8 -- man page for cfdisk
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*
```

NetBSD disklabel editor for Linux fdisk

Written by Bernhard Fastenrath (fasten@informatik.uni-bonn.de)

with code from the NetBSD disklabel command:

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Changes:

19990319 - Arnaldo Carvalho de Melo <acme@conectiva.com.br> - i18n/nls

20000101 - David Huggins-Daines <dhuggins@linuxcare.com> - Better support for OSF/1 disklabels on Alpha.

Also fixed unaligned accesses in alpha\_bootblock\_checksum()

\*/

/\*

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\*/

/\* tailf.c -- tail a log file and then follow it

\* Created: Tue Jan 9 15:49:21 1996 by faith@acm.org

\* Copyright 1996, 2003 Rickard E. Faith (faith@acm.org)

\*

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- \* OTHER DEALINGS IN THE SOFTWARE.
- \*
- \* less -F and tail -f cause a disk access every five seconds. This
- \* program avoids this problem by waiting for the file size to change.
- \* Hence, the file is not accessed, and the access time does not need to be
- \* flushed back to disk. This is sort of a "stealth" tail.
- \*/

# 1.844 util-linux-ng\_v3 2.17.2 :12.4.el6

## 1.844.1 Available under license :

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Version 3, 29 June 2007

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# 1.845 velocity 1.5

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# 1.846 velocity 1.6.4

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## 1.847 vjjava 5.1 :5.1

### 1.847.1 Available under license :

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## 1.848 vim 2:7.2.445+hg~cb94c42c0e1a-1

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\*uganda.txt\* For Vim version 7.3. Last change: 2012 May 28

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.

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If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is  
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==== end of license ====

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.
- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.
- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.
- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.
- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED\_BY define.

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

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

The children need a lot of help. The KCC is working hard to provide the needy



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

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

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

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

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

\*donate\*

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

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

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than

5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

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

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

The address of the centre is:

Kibaale Children's Centre  
p.o. box 1658  
Masaka, Uganda, East Africa

Sending money: \*iccf-donations\*

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

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.

For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.

Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.

Kibaale Children's Fund c/o Pacific Academy

10238-168 Street

Surrey, B.C. V4N 1Z4

Canada

Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.

This will allow for tax deduction if you live in Holland.

Postbank, nr. 4548774

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](mailto: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:

stichting ICCF Holland

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:

This is the Debian pre-packaged version of vim. Vim is an almost compatible version of the UNIX editor Vi. Many new features have been added: multi level undo, syntax highlighting, command line history, on-line help, filename completion, block operations, etc.

This package was put together by Wichert Akkerman <wakkerma@debian.org> from sources obtained from: <ftp://ftp.vim.org/pub/vim/unix/>. The current maintainer is Debian VIM Maintainers <pkg-vim-maintainers@lists.aliases.debian.org>.

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<maintainer@vim.org>

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## 1.849 vim 7.2.411 :1.6.el6

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The file can be loaded exclusively by Vim or additionally to the builtin Visual Studio editor (this option can be set in the VisVim configuration dialog inside Visual Studio).

Vim does not replace the Visual Studio editor, it still runs in its own window.

VisVim is based upon VisEmacs by Christopher Payne  
(Copyright (C) Christopher Payne 1997).

Author: Heiko Erhardt <Heiko.Erhardt@munich.netsurf.de>

Based upon: VisEmacs by Christopher Payne <payneca@sagian.com>

Version: 1.0

Created: 23 Oct 1997

Date: 23 Oct 1997



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Version 2, June 1991

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
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under certain conditions; type 'show c' for details.
```

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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\*uganda.txt\* For Vim version 7.2. Last change: 2008 Jun 21

VIM REFERENCE MANUAL by Bram Moolenaar

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#### 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  
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=== begin of license ===

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II) It is allowed to distribute a modified (or extended) version of Vim,



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- 2) The modified Vim must be distributed in one of the following five ways:
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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.
    - You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.
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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>

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=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.
- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.
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- 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 is co-sponsored and inspected by World Vision, Save the Children Fund and International Child Care Fund. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself in 1996, 1998, 2000, 2001 and 2003. 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 Venlo.  
This will allow for tax deduction if you live in Holland.  
Postbank, nr. 4548774

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.

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[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](mailto: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: NL47 PSTB 0004 5487 74  
under the name "stichting ICCF Holland", Venlo

If that doesn't work:  
Rabobank Venlo, account 3765.05.117  
Swift code: RABO NL 2U  
under the name "Bram Moolenaar", Venlo  
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:

stichting ICCF Holland  
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:

## 1.850 vlan 1.9-3

### 1.850.1 Available under license :

This package was downloaded from <http://www.candelatech.com/~greear/vlan.html>

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Files: howto.html

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Files: macvlan\_config.c

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## 1.851 voyage-util 0.6-1

## 1.851.1 Available under license :

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VI SDK for Java 1.0 (tech preview)  
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## 1.855 wget 1.12-2.1

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c) Convey individual copies of the object code with a copy of the

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```

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```
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```

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## 1.857 ws-commons-util 1.0.2

## 1.858 wsdl4j 1.6.2

### 1.858.1 Available under license :

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<!-- saved from url=(0065)http://oss.software.ibm.com/developerworks/opensource/CPLv1.0.htm -->
<HTML><HEAD><TITLE>Body</TITLE>
<META http-equiv=Content-Type content="text/html; charset=windows-1252">
<META content="MSHTML 5.50.4919.2200" name=GENERATOR></META></HEAD>
<BODY vLink=#800000 bgColor=#ffffff>
<P align=center><B>Common Public License - v 1.0</B>
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# 1.860 wstx-asl 3.2.9

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/\* \$XFree86\$ \*/

/\*

\* xcalc.c - a hand calculator for the X Window system

\*

\* Original Author: John H. Bradley, University of Pennsylvania

\* (bradley@cis.upenn.edu) March, 1987

- \* RPN mode added and port to X11 by Mark Rosenstein, MIT Project Athena
- \* Rewritten to be an Xaw and Xt client by Donna Converse, MIT X Consortium
- \*/

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## 1.863 x11-utils 7.5+4

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Client application for querying drivers' configuration information  
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## 1.864 x11-xfs-utils 7.4+1

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## 1.865 x11-xkb-utils 7.5+5

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The contents of this package were downloaded from <http://xorg.freedesktop.org/releases/individual/app/>

It contains the setxkbmap, xkbcomp, xkbevd, xkbprint and xkbutils applications.

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## 1.866 x11-xserver-utils 7.5+3

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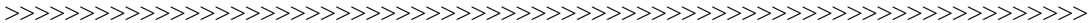


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font-cursor-misc  
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# 1.906 xterm 261-1

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# 1.908 xz-utils 5.0.0-2

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Name: XZ Utils

Maintainer: Lasse Collin <[lasse.collin@tukaani.org](mailto:lasse.collin@tukaani.org)>

Source: <http://tukaani.org/xz>

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Files: src/scripts/Makefile.am, src/scripts/xzless.1

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Files: m4/acx\_pthread.m4

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X-Source-Code: tests/bcj\_test.c

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changelog.gz (commit 975d8fd) explains:

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Recreated the BCJ test files for x86 and SPARC. The old files were linked with crt\*.o, which are copyrighted, and thus the old test files were not in the public domain as a whole. They are freely distributable though, but it is better to be careful and avoid including any copyrighted pieces in the test files. The new files are just compiled and assembled object files, and thus don't contain any copyrighted code.

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2007-2010, Lasse Collin

X-Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,  
David Mackenzie, Bruno Haible, and many others.

X-Origin: configure.ac from XZ Utils,  
visibility.m4 serial 1 (gettext-0.15),  
Autoconf 2.52g

License: config-h

configure.ac:

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# Author: Lasse Collin

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comments from Autoconf 2.52g:

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dos/config.h was generated with autoheader, which tells Autoconf to output a script to generate a config.h file and then runs it.

Files: po/Makevars

X-Origin: gettext-runtime/po/Makevars (gettext-0.12)

X-Authors: Bruno Haible

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Files: INSTALL.generic

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# 1.909 zip 3.0 :1.e16

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## 1.910 zlib 1.2.3

### 1.910.1 Available under license :

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

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Mark Adler madler@alumni.caltech.edu

# 1.911 zlib 1:1.2.3.4.dfsg-3

## 1.911.1 Available under license :

This is the pre-packaged Debian Linux version of the zlib compression library. It was packaged by Michael Alan Dorman <mdorman@debian.org> from sources originally retrieved from ftp.uu.net in the directory /pub/archiving/zip/zlib as the file zlib-1.0.4.tar.gz.

There is a homepage at <http://www.gzip.org/zlib/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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# 1.912 zlib 1.2.3 :29.e16

## 1.912.1 Available under license :

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

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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