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1.3 aspell 0.60.7 :1ubuntu1

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1.5 bc 1.06.95 :8

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

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entire whole, and thus to each and every part regardless of who wrote it.

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

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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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@appendixsubsec Preamble

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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.

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@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@appendixsubsec How to Apply These Terms to Your New Libraries

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

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```
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```

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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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That's all there is to it!
(This file is under construction.) *- text -*

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

This file will eventually be deleted: The general info will go into
the documentation, and info on specific files will go into an AUTHORS
file, as requested by the FSF.

+++++

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

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

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

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

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

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

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

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

Support for ELF format files has been worked on by Mark Eichin of

Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

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

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

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

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

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

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

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

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

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1.7 bzip2 1.0.6 :4

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

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.8 c-ares 1.13.0

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1.9 cairo 1.14.6

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Julian Seward, Cambridge, UK.

jseward@bzip.org

bzip2/libbzip2 version 1.0.4 of 20 December 2006

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getopt.c - my re-implementation of getopt.

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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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This package was put together by Clint Adams <schizo@debian.org>, from sources obtained from <ftp://ftp.gnu.org/gnu/cpio>

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The text of the GPL can be found on Debian systems in /usr/share/common-licenses/GPL-3 .

1.18 cracklib 2.9.2-1build2

1.18.1 Available under license :

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

Upstream-Name: cracklib

Upstream-Contact: Nathan Neulinger <nneul@umr.edu>

Source: <http://sourceforge.net/projects/cracklib>

Files: *

Copyright: 1993 Alec Muffett <alecm@crypto.dircon.co.uk>

2005-2014 Nathan Neulinger <nneul@umr.edu>

2008-2014 Jan Dittberner <jan@dittberner.info>

License: LGPL-2.1

Comment:

Starting from version 2.8.15 released on 2009-11-19 cracklib is licensed under the terms of the LGPL 2.1. For a detailed discussion and history see README-LICENSE.

Files: debian/*

Copyright: 1998 Jean Pierre LeJacq

Martin Pitt <martin@piware.de>

Jan Dittberner <jandd@debian.org>

License: LGPL-2.1

License: LGPL-2.1

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obtain it by writing to the Free Software Foundation, Inc., 51
Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

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

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

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

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

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

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

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

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

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...

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

Re: [Cracklib-devel] cracklib license

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

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

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license

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

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

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

Devin

--

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

Re: [Cracklib-devel] cracklib license

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

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

>> Seems like the ideal thing here would be for you and the other distro
>> maintainers to get together with Alec in a conversation and come to a
>> decision as to what licensing scheme y'all want. I haven't really done
>> much other than cleaning up the packaging and patches and a small
>> bit of
>> additional code, so whatever licensing y'all come up with is fine
>> by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

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

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

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

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

>>

>> I am sympathetic. Guys, what do you reckon?

>>

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

>

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

>

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

>

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

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

-mike

Re: [Cracklib-devel] cracklib license

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

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

>

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

yes. go for it. thanks++

-a

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

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

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

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

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

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

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

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

From alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000

Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

>
> ----- Forwarded message -----
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
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Version 2.1, February 1999

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Andrew Erofeev, Bill C Riemers, Pascal Vincent, Yann LeCun.

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Command Line Programs: Leon Bottou, Bill C Riemers, Mike Houser.

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Website Development: Jeffery Triggs, Yann LeCun

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The script tools/any2djvu.sh was downloaded from

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```

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1.23 ecj 3.10.1-2

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1.24 ecryptfs-utils 111-0ubuntu1.1

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<signature of Ty Coon>, 1 April 1989

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1.25 fontconfig 2.11.94 :0ubuntu1.1

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1.26 freeipmi 1.4.11-1.1ubuntu3~0.16.04

1.26.1 Available under license :

Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=59>

Name: freeipmi

Maintainer: Albert Chu <chu11@llnl.gov>

Source: <http://ftp.zresearch.com/pub/freeipmi>

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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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expat/*

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ijs/*

jasper/*

jbig2dec/*

jpeg/*

jpegxr/*

lcms/*

lcms2/*

libpng/*

openjpeg/*

tiff/*

zlib/*

Resource/CMap/90ms-RKSJ-UCS2

Resource/CMap/90pv-RKSJ-UCS2

Resource/CMap/90pv-RKSJ-UCS2C

Resource/CMap/Adobe-CNS1-B5pc

Resource/CMap/Adobe-CNS1-ETenms-B5

Resource/CMap/Adobe-CNS1-H-CID

Resource/CMap/Adobe-CNS1-H-Host

Resource/CMap/Adobe-CNS1-H-Mac

Resource/CMap/Adobe-CNS1-UCS2

Resource/CMap/Adobe-GB1-GBK-EUC

Resource/CMap/Adobe-GB1-GBpc-EUC

Resource/CMap/Adobe-GB1-H-CID

Resource/CMap/Adobe-GB1-H-Host

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Resource/CMap/Adobe-Japan1-H-Host

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Resource/CMap/Adobe-Japan1-UCS2

Resource/CMap/Adobe-Korea1-H-CID

Resource/CMap/Adobe-Korea1-H-Host

Resource/CMap/Adobe-Korea1-H-Mac

Resource/CMap/Adobe-Korea1-KSCms-UHC

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Resource/CMap/CNS02-RKSJ-H
Resource/CMap/CNS03-RKSJ-H
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Resource/CMap/GBpc-EUC-UCS2
Resource/CMap/GBpc-EUC-UCS2C
Resource/CMap/HK-RKSJ-H
Resource/CMap/Hojo-RKSJ-H
Resource/CMap/KSC-RKSJ-H
Resource/CMap/KSC2-RKSJ-H
Resource/CMap/KSCms-UHC-UCS2
Resource/CMap/KSCpc-EUC-UCS2
Resource/CMap/KSCpc-EUC-UCS2C
Resource/CMap/TCVN-RKSJ-H
Resource/CMap/UCS2-90ms-RKSJ
Resource/CMap/UCS2-90pv-RKSJ
Resource/CMap/UCS2-B5pc
Resource/CMap/UCS2-ETen-B5
Resource/CMap/UCS2-GBK-EUC
Resource/CMap/UCS2-GBpc-EUC
Resource/CMap/UCS2-KSCms-UHC
Resource/CMap/UCS2-KSCpc-EUC
Resource/CMap/Identity-UTF16-H
Resource/CMap/Identity-UTF16-V

Files: base/*

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Resource/Encoding/*

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1.29 graphite2 1.3.6 :1ubuntu0.14.04.1

1.29.1 Available under license :

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

Upstream-Name: graphite2

Source: <http://sf.net/projects/silgraphite>

Files: *

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1.32 hostapd 2.3

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1.33 icu 55.1-7ubuntu0.2

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```
## -*-makefile-*-  
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)  
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## Commands to generate dependency files  
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)  
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)  
  
## Flags for position independent code  
SHAREDLIBCFLAGS = -fPIC  
SHAREDLIBCXXFLAGS = -fPIC  
SHAREDLIBCPPFLAGS = -DPIC
```

```

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ :/g\" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ :/g\" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR): %.${SO}.${SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

```

```
%. $(SO): %. $(SO). $(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}. $(SO). $(SO_TARGET_VERSION) $@
```

```
## Bind internal references
```

```
# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic
```

```
# Dependencies [i.e. map files] for the final library
BIR_DEPS=
```

```
## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =
```

```
## End BSD-specific setup
```

This package was debianized by Jay Berkenbilt <qjb@debian.org> on August 5, 2005.

The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on Tue, 17 Mar 2015.

The original source was downloaded from
http://icu-project.org/download/latest_milestone.html

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1.34 imagemagick 6.8.9.9-7ubuntu5.3

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```
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```
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```

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

```
Bradley Baetz, <bradley.baetz@optusnet.com.au> :
```

- o MISC checker redesign
- o Scheduler framework extension to support child process handling.
- o Daemon framework extension to block SIGCHLD to only receive it when its unblocked in the scheduling select loop.

Jeremy Rumpf, <rumpf.6@osu.edu> :

- o Added SMTP checker

Chris Caputo, <ccaputo@alt.net> :

- o Added dont_track_primary, nopreempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :

- o Fixed shadowed declaration reported by -Wshadow.
- o Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com> :

- o Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu> :

- o Extended VRRP framework to support floating priority.

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This package was debianized by Camm Maguire <camm@enhanced.com> on Tue, 29 Jan 2002 11:42:34 -0500.

It was downloaded from <ftp://ftp.netlib.org/lapack/>

Upstream Authors: Anderson, E. and Bai, Z. and Bischof, C. and Blackford, S. and Demmel, J. and Dongarra, J. and Du Croz, J. and Greenbaum, A. and Hammarling, S. and McKenney, A. and Sorensen, D.

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1.38 laptop-detect 0.13.7ubuntu2

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1.39 Icms2 2.6-3ubuntu2

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1.40 lftp 4.6.3a-1build2

1.40.1 Available under license :

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Version 3, 29 June 2007

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1.42 libdaemon 0.14-2ubuntu1 :2ubuntu1

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src/metaflac/*

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src/plugin_common/charset.h

src/plugin_common/dither.c

src/plugin_common/replaygain.c

src/plugin_common/replaygain.h

src/plugin_xmms/*

src/share/grabbag/picture.c

src/share/utf8/*

src/test_grabbag/*

src/test_libFLAC++/*

src/test_libFLAC/*

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include/share/macros.h
include/share/private.h
include/share/safe_str.h
include/share/win_utf8_io.h
src/libFLAC++/*
src/libFLAC/*
src/share/grabbag/alloc.c
src/share/grabbag/snprintf.c
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include/share/grabbag/cuesheet.h
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include/share/grabbag/seektable.h
include/share/replaygain_analysis.h
include/share/replaygain_synthesis.h
src/plugin_common/all.h
src/plugin_common/defs.h
src/plugin_common/dither.h
src/plugin_common/tags.c
src/plugin_common/tags.h
src/share/grabbag/cuesheet.c
src/share/grabbag/file.c
src/share/grabbag/replaygain.c
src/share/grabbag/seektable.c
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src/share/getopt/getopt.c

src/share/getopt/getopt1.c

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src/libFLAC/md5.c

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* 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

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*

* 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.

*

* Changed so as no longer to depend on Colin Plumb's `usual.h'

* header definitions; now uses stuff from dpkg's config.h

* - Ian Jackson <ijackson@nyx.cs.du.edu>.

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* Josh Coalson: made some changes to integrate with libFLAC.

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Files: src/flac/local_string_utils.c

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```

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

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The

former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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

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

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

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

fee.

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

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

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

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

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of

a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be

linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

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

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

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

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

interface-compatible with the version that the work was made with.

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

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

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

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

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

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

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

Preamble

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

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

it. And you must show them these terms so they know their rights.

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

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

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

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

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

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

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

changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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

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"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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1. You may copy and distribute verbatim copies of the Library's

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

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- 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.

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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.

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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.

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:

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1.54 libsvg 2.40.2-1 :1

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1.58 libusb 0.1.12 :20

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Files:

LibYAML/api.c

LibYAML/config.h

LibYAML/dumper.c

LibYAML/emitter.c

LibYAML/loader.c

LibYAML/parser.c

LibYAML/reader.c

LibYAML/scanner.c

LibYAML/writer.c

LibYAML/yaml.h

LibYAML/yaml_private.h

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Files: debian/*

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2010, Krzysztof Krzyaniak (eloy) <eloy@debian.org>

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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
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1.70 make-dfsg 4.1 :6

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1.71 meld3 1.0.2

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Contributors

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1.72 multipath-tools 0.5.0+git1.656f8865-5ubuntu2.3

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1.73 nbd 1:3.13-1

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1.74 net-snmp 5.7.3+dfsg :1ubuntu4

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1.75 netkit-telnet 0.17 :36build1

1.75.1 Available under license :

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1.76 netpbm-free 2:10.0 :15ubuntu2

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PATENTS

These are the patents the Netpbm maintainer knows about that relate to Netpbm. It is basically just information the maintainer has stumbled over at some point -- no search has been done.

No licenses have been granted by patent owners to the maintainer of Netpbm. Therefore, if you need a patent to use something in Netpbm, you need your own license.

A note about patents in general: A patent gives an inventor the exclusive right to make, sell, or use the invention. If you independently invent something without knowing that the patent holder already did, that makes no difference -- the patent holder still has the exclusive right. It makes no difference if you give the original inventor credit. The patent applies to a method, not its expression, so writing a program from scratch to implement a certain method is still a patent infringement. Infringing a patent is not a crime per se, but to the extent that it costs the patent holder money, the infringer has to make it up.

The original purpose of patents is probably perverted when patents are applied to things you implement in computer programs. This is one of the Free Software Foundation's causes. See <http://www.gnu.org/philosophy.html#laws>.

Unisys owns a patent on LZW compression, which is used by ppmtogif, and maybe on LZW decompression, which is used by giftopnm. IBM also owns a patent that may cover the GIF tools. Unisys offers a license of the patent for trivial use for \$5000. Its patent expires in 2003. Neither company has ever enforced the patent against trivial users of it. <http://news.cnet.com/news/0-1005-200-1713278.html> is an article dated April 18, 2000 on the issue. <http://www.unisys.com/unisys/lzw/> is Unisys' view of the matter. For information from another perspective, see <http://www.gnu.org/philosophy/gif.html> or <http://burnallgifs.org/>.

The following Netpbm components may be restricted by this patent: ppmtogif, giftopnm.

A good substitute for GIF if the patents are a problem is PNG (see pngtopnm, pnmtopng), which was developed with a primary purpose of not using any patented technology.

You can also use the `-nolzw` option on `ppmtogif` to avoid using the LZW patent. The images so generated are larger than traditional LZW-compressed GIFs, but any GIF decoder can decode them just the same.

The `jbigtobnm` and `pnmtobig` programs use arithmetic coding patents and other patents covering various aspects of the "front end."

This package was debianised by Steve McIntyre <stevem@chiark.greenend.org.uk>, finishing on Sun 7th October 2001. The maintainership was transferred in August 2003 to Andreas Barth <aba@not.so.argh.org>, first as cooperative maintainership and sponsored by Steve.

Packaging and keeping the package current is not simple, for details see `README.Debian`. We consider <http://netpbm.alioth.debian.org/> the technical upstream, and this release can be exported out of alioth by `cvs -z3 -d:pserver:anonymous@cvs.alioth.debian.org:/cvsroot/netpbm export \ -r debian-9-25-2 netpbm`

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=====

Netpbm has a very complicated licensing setup, as it is a collection of hundreds of small utility programs, each with an individual copyright/license. From inspection of the source and documentation in the package, I believe the following programs are DFSG-free. They have a variety of licenses, which I have summarised below for convenience.

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Programs actually included in this package:

411toppm: (B) 2001 Steve Allen <sla@alumni.caltech.edu>

anytopnm: (A) 1991 Jef Poskanzer

asciitopgm: (A) 1989 Wilson H. Bent, Jr
atktopbm: (A) 1991 Bill Janssen
bioradtopgm: (A) 1993 Oliver Trepte <oliver@fysik4.kth.se>
bmptopnm: (A) 1992 David W. Sanderson (as bmptoppm)
brushtopbm: (A) 1988 Jef Poskanzer
cmuwmtopbm: (A) 1989 Jef Poskanzer
eyuvtoppm: (B) 1995 The Regents of the University of California
fiascotopnm: (C) 1994-2000 Ullrich Hafner <hafner@bigfoot.de>
fitstopnm: (A) 1989 Jef Poskanzer
fstopgm: (A) 1989 Jef Poskanzer
g3topbm: (A) 1989 Paul Haeberli <paul@manray.sgi.com>
gemtopnm: (A) 1988 Diomidis D. Spinellis
giftopnm: (A) 1990-1993 David Koblas <koblas@netcom.com>
gouldtoppm: (A) 1990 Stephen P. Lesniewski
hipstopgm: (A) 1989 Jef Poskanzer
icontopbm: (A) 1988 Jef Poskanzer
ilbmtoppm: (A) 1989 Jef Poskanzer
imgtoppm: (A) 1989 Jef Poskanzer
jpegtopnm: (D) 1991-2000 Thomas G. Lane, Bryan Henderson
leaftoppm: (A) 1994 Bill O'Donnell
lispmtopgm: (A) 1988 Jef Poskanzer, Jamie Zawinski
macptopbm: (A) 1988 Jef Poskanzer
mdatopbm: (C) 1999 John Elliott <jce@seasip.demon.co.uk>
mgrtopbm: (A) 1989 Jef Poskanzer
mtvtoppm: (A) 1989 Jef Poskanzer
neotoppm: (D) 2001 Teemu Hukkanen <tjhukkan@iki.fi>
palmtopnm: (A) 1995-2000 Ian Goldberg, Bill Janssen
pamcut: (A) 1989 Jef Poskanzer
pamdeinterlace (H1) 2001 Bryan Henderson
pamdice (H1) 2001 Bryan Henderson
pamfile: (A) 1991 Jef Poskanzer
pamoil: (A) 1990 Wilson Bent <whb@hoh-2.att.com>
pamstack (H1) 2002 Bryan Henderson
pamstretch (C) 1998,2000 Russell Marks (as pnminterp)
pamstretch-gen (H1) 1999 Russell Marks (as pnminterp-gen)
pbmclean: (A) 1989-2001 Jef Poskanzer, Angus Duggan, Michael Sternberg
pbmlife: (A) 1988-1991 Jef Poskanzer
pbmmake: (A) 1988 Jef Poskanzer
pbmmask: (A) 1989-1991 Jef Poskanzer
pbmpage: (C) 1998 Tim Norman
pbmpsacle: (A) 1989-1990 Jef Poskanzer, Angus Duggan
pbmreduce: (A) 1989 Jef Poskanzer
pbmtextps: (A) 2002 James McCann
pbmtext: (A) 1991 Jef Poskanzer
pbmto10x: (A) 1990-1994 Ken Yap
pbmtoascii: (A) 1988-1992 Jef Poskanzer
pbmtoatk: (A) 1991 Bill Janssen
pbmtobnbg: (A) 1989 Mike Parker

pbmtocmuwm: (A) 1989 Jef Poskanzer
pbmtoepsi: (A) 1988 Jef Poskanzer
pbmtoepson: (A) 1990 Jef Poskanzer, John Tiller <tiller@galois.msfc.nasa.gov>
pbmtog3: (A) 1989 Paul Haeberli <paul@manray.sgi.com>
pbmtogem: (A) 1988 Jef Poskanzer, David Beckemeyer
pbmtogo: (A) 1988-1989 Jef Poskanzer, Michael Haberler, Bo Thide'
pbmtoicon: (A) 1988 Jef Poskanzer
pbmtolj: (A) 1988 Jef Poskanzer, Michael Haberler
pbmtomacp: (A) 1988 Douwe vand der Schaaf
pbmtomda: (C) 1999 John Elliott <jce@seasip.demon.co.uk>
pbmtomgr: (A) 1989 Jef Poskanzer
pbmtonokia: (A) 2001 OMS Open Media System GmbH, Tim Rhsen <tim.ruehsen@openmediasystem.de>
pbmtopgm: (A) 1989-1990 Jef Poskanzer, Angus Duggan
pbmtopi3: (A) 1988 David Beckemeyer and Jef Poskanzer
pbmtoplot: (A) 1990 Arthur David Olson
pbmtoppa: (C) 1998 Tim Norman
pbmtopsg3: (C) 2001 Kristof Koehler <kristof@fachschafft.physik.uni-karlsruhe.de>
pbmtoptx: (A) 1988 Jef Poskanzer
pbmtowbmp: (A) 1999 Terje Sannum <terje@looplab.com>
pbmtox10bm: (A) 1988 Jef Poskanzer
pbmtoxbm: (A) 1988 Jef Poskanzer
pbmtoybm: (A) 1991 Jamie Zawinski and Jef Poskanzer
pbmtozinc: (A) 1988 James Darrell McCauley <jdm5548@diamond.tamu.edu>, Jef Poskanzer
pbmupc: (A) 1988 Jef Poskanzer
pcxtoppm: (A) 1990 Michael Davidson
pgmbentley: (A) 1990 Wilson Bent <whb@hoh-2.att.com>
pgmcrater: (H) 1989 John Walker <kelvin@autodesk.com>
pgmedge: (A) 1989 Jef Poskanzer
pgmenhance: (A) 1989-1991 Jef Poskanzer
pgmhist: (A) 1989 Jef Poskanzer
pgmkernel: (A) 1992 Alberto Accomazzi, Smithsonian Astrophysical Observatory
pgmnoise: (A) 1993 Frank Neumann
pgmramp: (A) 1989 Jef Poskanzer
pgmslice: (C) 2000 Jos Dingjan <jos@tuatha.org>
pgmtexture: (A) 1991 Texas Agricultural Experiment Station, James Darrell McCauley
pgmtofs: (A) 1991 Jef Poskanzer
pgmtolispm: (A) 1991 Jamie Zawinski and Jef Poskanzer
pgmtopbm: (A) 1989 Jef Poskanzer
pgmtoppm: (A) 1991 Jef Poskanzer
pi1toppm: (A) 1991 Steve Belczyk <seb3@gte.com> and Jef Poskanzer
pi3topbm: (A) 1988 David Beckemeyer and Diomidis D. Spinellis
pjtoppm: (A) 1990 Christos Zoulas <christos@ee.cornell.edu>
pngtopnm: (A) 1995-1998 Alexander Lehmann <alex@hal.rhein-main.de>, Willem van Schaik <willem@schaik.com>
pnmaliases: (A) 1992 Alberto Accomazzi, Smithsonian Astrophysical Observatory
pnmarith: (A) 1989-1991 Jef Poskanzer
pnmcat: (A) 1989-1991 Jef Poskanzer
pnmcolormap (A) 1989,1991 Jef Poskanzer

(A) 2001 Bryan Henderson

pnmcomp: (A) 1992 David Koblas

pnmconvol: (A) 1989-1995 Jef Poskanzer, Mike Burns <burns@chem.psu.edu>

pnmcrop: (A) 1988 Jef Poskanzer

pnmcut: (A) 1989 Jef Poskanzer

pnmdepth: (A) 1989-1991 Jef Poskanzer

pnmnenlarge: (A) 1989 Jef Poskanzer

pnmfile: (A) 1991 Jef Poskanzer

pnmflip: (A) 1989 Jef Poskanzer

pnmgamma: (A) 1991 Jef Poskanzer and Bill Davidson

pnmhisteq: (H) 1995 John Walker <kelvin@fourmalib.ch>

pnmhistmap: (A) 1993 Wilson H. Bent, Jr <whb@usc.edu>

pnmindex: (A) 1991 Jef Poskanzer

pnminvert: (A) 1989 Jef Poskanzer

pnmmargin: (A) 1991 Jef Poskanzer

pnmontage: (A) 2000 Ben Olmstead

pnmnlfilt: (A) 1993 Graeme W. Gill <graeme@labtam.oz.au>

pnmnorm: (A) 1989,1991 Jef Poskanzer (as pgmnorm)

(A) Michael Mauldin (fbnorm-filter in "Fuzzy Pixmap")

(A) Wilson H. Bent, Jr. (whb@usc.edu) (as ppmnorm)

(A) 2002 Bryan Henderson

pnmppad: (A) 1989 Jef Poskanzer

(A) 1990 Angus Duggan

(A) 2002 Martin van Beilen

pmpaste: (A) 1989 Jef Poskanzer

pmpspsnr: (C) 1994-2000 Ullrich Hafner <hafner@bigfoot.de>

pnmquant (H1) 2002 Bryan Henderson

pnmremap (A) 1989,1991 Jef Poskanzer (as ppmquant)

(A) 2001 Bryan Henderson

pnmrotate: (A) 1989-1991 Jef Poskanzer

pnmyscale: (A) 1989-1991 Jef Poskanzer

pnmyscalefixed: (A) 1989-1991 Jef Poskanzer

pnmsharpen: (A) 1989-1991 Jef Poskanzer

pnmssmooth: (A) 1984 Mike Burns <burns@chem.psu.edu>

pnmssplit: (H1) 2000 Bryan Henderson <bryanh@giraffe-data.com>

pnmstitch: (A) 1989 Jef Poskanzer

pnmtdiff: (A) 1992 Digital Equipment Corporation, Burkhard Neidecker-Lutz

pnmtofiasco: (C) 1994-2000 Ullrich Hafner <hafner@bigfoot.de>

pnmtofists: (C) 1989 Wilson H. Bent <whb@hoh-2.att.com>

pnmtojpeg: (D) 1991-2001 Thomas G. Lane, Bryan Henderson

pnmtoptalm: (A) 1995-2000 Ian Goldberg, Bill Janssen

pnmtoptainpnm: (A) 1991 Jef Poskanzer

pnmtoptng: (A) 1995-1998 Alexander Lehmann <alex@hal.rhein-main.de>, Willem van Schaik <willem@schaik.com>

pnmtoptops: (A) 1989 Jef Poskanzer

pnmtoptorast: (A) 1989-1991 Jef Poskanzer

pnmtoptorle: (E) 1994 Minnesota Supercomputer Center, Inc, Wes Barris <wes@msc.edu>

pnmtoptosgi: (A) 1994 Ingo Wilken <Ingo.Wilken@informatik.uni-oldenburg.de>

pnmtosir: (A) 1991 Marvin Landis
ppmtotiff: (A) 1990 Sun Microsystems, Inc, Jef Poskanzer
ppmtotiffcmyk: (C) 1999 Andrew Cooke (Jara Software) <jara@andrewcooke.free-online.co.uk>
ppmtoxwd: (A) 1989-1991 Jef Poskanzer
ppm3d: (A) 1989 Jef Poskanzer
ppmbrighten: (A) 1989-1990 Jef Poskanzer, Brian Moffet
ppmchange: (A) 1991 Wilson H. Bent, Jr
ppmctie: (H) 1995 John Walker <kelvin@fourmilab.ch>
ppmcolormask: (H1) 2000 Bryan Henderson <bryanh@giraffe-data.com>
ppmcolors (H1) 2001 Bryan Henderson
ppmdim: (A) 1993 Frank Neumann
ppmdist: (A) 1993 Dan Stromberg
ppmdither: (A) 1991 Christos Zoulas
ppmfade: (?) 1994 Minnesota Supercomputer Center, Inc, Wes Barris <wes@msc.edu>
ppmflash: (A) 1993 Frank Neumann
ppmforge: (H) 1989 John Walker <kelvin@autodesk.com>
ppmhist: (A) 1989 Jef Poskanzer
ppmlabel: (H) 1995 John Walker <kelvin@fourmilab.ch>
ppmmake: (A) 1989 Jef Poskanzer
ppmmix: (A) 1993 Frank Neumann
ppmntsc: (E) 1993 Minnesota Supercomputer Center, Inc, Wes Barris <wes@msc.edu>
ppmpat: (A) 1989-1991 Jef Poskanzer
ppmquant: (A) 1989-1991 Jef Poskanzer
ppmquantall: (A) 1991 Jef Poskanzer
ppmqvga: (F) 1991-1992 Bill Davidsen, Lyle Rains <lrains@netcom.com>
ppmrainbow: (H2) 2001 Arjen Bax <arjen.bax@cmg.nl>
ppmrelief: (A) 1990 Wilson H. Bent, Jr
ppmshadow: (G) 1997 John Walker <kelvin@fourmilab.ch>
ppmshift: (A) 1993 Frank Neumann
ppmspread: (A) 1993 Frank Neumann
ppmtoacad: (H) 1991 John Walker <kelvin@autodesk.com>
ppmtobmp: (A) 1992 David W. Sanderson
ppmtoeyuv: (B) 1995 The Regents of the University of California
ppmtoicr: (A) 1990 Kanthan Pillay <svpillay@Princeton.EDU>
ppmtoilbm: (A) 1989 Jef Poskanzer
ppmtoleaf: (A) 1994 Bill O'Donnell
ppmtolj: (A) 2000 Jonathan Melvin <jonathan.melvin@heywood.co.uk>
ppmtomap: (A) 1989 Jef Poskanzer
ppmtomitsu: (A) 1992-1993 S.Petra Zeidler
ppmtompeg: (B) 1995 The Regents of the University of California
ppmtoneo: (D) 2001 Teemu Hukkanen <tjhukkan@iki.fi>
ppmtopcx: (B) 1994 Ingo Wilken <Ingo.Wilken@informatik.uni-oldenburg.de>
ppmtopgm: (A) 1989 Jef Poskanzer
ppmtopi1: (A) 1991 Jef Poskanzer and Steve Belczyk
ppmtopict: (A) 1990 Ken Yap <ken@cs.rochester.edu>
ppmtopj: (A) 1990 Christos Zoulas <christos@ee.cornell.edu>
ppmtopuzz: (A) 1991 Jef Poskanzer
ppmtorgb3: (A) 1991 Jef Poskanzer

ppmtosixel: (A) 1991 Rick Vinci
 ppmtotga: (A) 1989-1991 Mark Shand and Jef Poskanzer
 ppmtouil: (A) 1990 Mark W. Snitily, Jef Poskanzer
 ppmtowinicon: (A) 2000 Lee Benfield <lee@recoil.org>
 ppmtoxpm: (A) 1990 Mark W. Snitily
 ppmtoyuv: (A) 1987-1991 Abekas Video Systems Inc, DHD PostImage Inc
 ppmtoyuvsplit: (A) 1993 Andre Beck <Andre_Beck@IRS.Inf.TU-Dresden.de>
 ppmtv: (A) 1993 Frank Neumann
 psidtopgm: (A) 1989 Jef Poskanzer
 pstopnm: (I) 1992 Smithsonian Astrophysical Observatory, Alberto Accomazzi
 qrtpm: (A) 1989 Jef Poskanzer
 rasttopnm: (A) 1989-1991 Jef Poskanzer
 rawtopgm: (A) 1989 Jef Poskanzer
 rawtoppm: (A) 1991 Jef Poskanzer
 rgb3toppm: (A) 1991 Jef Poskanzer
 rletopnm: (E) 1994 Minnesota Supercomputer Center, Inc, Wes Barris <wes@msc.edu>
 sbigintopgm: (A) 1998 John Walker
 sgitopnm: (A) 1994 Ingo Wilken <Ingo.Wilken@informatik.uni-oldenburg.de>
 sirtopnm: (A) 1991 Marvin Landis
 sldtoppm: (H) 1991 John Walker <kelvin@autodesk.com>
 spctoppm: (A) 1991 Jef Poskanzer and Steve Belczyk
 sputoppm: (A) 1991 Jef Poskanzer and Steve Belczyk
 tifftopnm: (A) 1990 Sun Microsystems, Inc, Jef Poskanzer
 tgatoppm: (A) 1989 Jef Poskanzer
 thinkjettopbm: (A) 2001 W. Eric Norum <eric.norum@usask.ca>
 wbmptopbm: (A) 1999 Terje Sannum <terje@looplab.com>
 winicontoppm: (A) 2000 Lee Benfield <lee@recoil.org>
 xbmptopbm: (A) 1988 Jef Poskanzer
 ximtoppm: (A) 1991 Jef Poskanzer
 xpmtoppm: (A) 1991 Jef Poskanzer
 xvminiotoppm: (A) 1993 Ingo Wilken <Ingo.Wilken@informatik.uni-oldenburg.de>
 xwdtopnm: (A) 1989-1991 Jef Poskanzer
 ybmptopbm: (A) 1988 Jamie Zawinski and Jef Poskanzer
 yuvsplitoppm: (A) 1993 Marcel Wijkstra <wijkstra@fwi.uva.nl>
 yuvtoppm: (A) 1987-1991 Jef Poskanzer, Abekas Video Systems Inc., DHD PostImage Inc.
 zeisstopnm: (A) 1993 Oliver Trepte <oliver@fysik4.kth.se>

The following packages were included in this package, but replaced:

[bmptoppm: (A) 1992 David W. Sanderson]
 [gemtopbm: (A) 1988 Diomidis D. Spinellis]
 [pgmnorm: (A) 1989-1991 Jef Poskanzer]
 [pnminterp: (C) 1998-2000 Russell Marks <russell.marks@ntlworld.com>]
 [pnminterp-gen: (C) 1998-2000 Russell Marks <russell.marks@ntlworld.com>]
 [pnmnoraw: (A) 1991 Jef Poskanzer]
 [pictoppm: (A) 1989-1993 George Phillips <phillips@cs.ubc.ca> [security]]
 [ppmnorm: (A) 1989-1991 Jef Poskanzer, Wilson H. Bent, Jr <whb@usc.edu>]

[ppmsvgalib: (H1) 2002 Bryan Henderson [never included in debian]]

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[ppmtogif: (A) 1989 Jef Poskanzer]

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```
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```

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Ty Coon, President of Vice
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The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, 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.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,

rdjpgcom, and wrjpgcom.

- *.1 Unix-style man pages for programs (same info as usage.doc).
 - wizard.doc Advanced usage instructions for JPEG wizards only.
 - change.log Version-to-version change highlights.
- Programmer and internal documentation:
- libjpeg.doc How to use the JPEG library in your own programs.
 - example.c Sample code for calling the JPEG library.
 - structure.doc Overview of the JPEG library's internal structure.
 - filelist.doc Road map of IJG files.
 - coderrules.doc Coding style rules --- please read if you contribute code.

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

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

OVERVIEW

=====

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

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

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "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, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

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

The IJG distribution formerly included code to read and write GIF files.

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

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REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

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

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

The best full 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). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified

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

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

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

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/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 <ftp://ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is [ftp.uu.net](ftp://ftp.uu.net) (Internet

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

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

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

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

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send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use;

it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

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

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

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

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

TO DO

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

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

As always, speeding things up is of great interest.

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

1.77 netsa-pkg 0.1.10

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Version 2.1, February 1999

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<signature of Ty Coon>, 1 April 1989
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1.78 nmap 7.01-2ubuntu2

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On all platforms, Nmap is normally linked with:

- o libpcap: Network packet capture library. Distributed with Nmap in the libpcap subdirectory.
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- o libdnet: Networking library, used for low-level tasks such as sending ethernet frames. A modified version is distributed with Nmap in the libdnet-stripped subdirectory. A summary of Nmap-local modifications is in the file NMAP_MODIFICATIONS.
<http://code.google.com/p/libdnet/>
- o PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's version detection and is also made available as an NSE library. Distributed with Nmap in the libpcre subdirectory.
<http://www.pcre.org/>
- o liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the --without-liblua configuration directive.
<http://www.lua.org/>
- o OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL can be disabled by configuring with the --without-openssl configuration directive.

- <http://www.openssl.org/>
- o LIBLINEAR. Used for IPv6 OS classification.
<http://www.csie.ntu.edu.tw/~cjlin/liblinear/>
- o libsvn. The Subversion library, used by the updater program
nmap-update. <http://subversion.apache.org/>
- o APR (Apache Portable Runtime). Used by libsvn. <http://apr.apache.org/>

On Windows only, Nmap uses:

- o WinPcap: libpcap for Windows. The libpcap license applies to WinPcap, and it also has its own license. A binary copy of the library is distributed with Nmap in the subdirectory mswin32/winpcap.
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Zenmap and Ndiff require:

- o Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either py2exe or py2app.
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- o GLib, GTK+, ATK, Pango: These libraries are licensed under the GNU LGPL 2, a copy of which is in the file licenses/LGPL-2.
<http://www.gtk.org/>
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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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2006-Jan-27

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interest in the program `Gnomovision'
(which makes passes at compilers) written
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```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
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<http://code.google.com/p/libdnet/>
- o PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's version detection and is also made available as an NSE library. Distributed with Nmap in the libpcre subdirectory.
<http://www.pcre.org/>
- o liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the --without-liblua configuration directive.
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- o OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL can be disabled by configuring with the --without-openssl configuration directive.
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- o libsvn. The Subversion library, used by the updater program nmap-update. <http://subversion.apache.org/>
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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
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2006-Jan-27

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```
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1.79 nut 2.7.2-4ubuntu1

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```

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```
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Upstream-Name: pacemaker

Source: <http://github.com/clusterlabs/pacemaker>

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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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1.90 pacemaker/extras/clustermon.sh 1.1.14

:2ubuntu1.1

1.90.1 Available under license :

```
#!/bin/bash
#
# Cluster Monitoring Script, for use with crm_mon and Pacemaker,
# to emulate the oft-missing --snmp-traps and --mail options.
#
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1.91 pango1.0 1.38.1-1

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1.93 pcsc-lite 1.8.14-1ubuntu1.16.04.1

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<http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?revision=207>

Upstream-Name: pcsc-lite

Upstream-Contact: muscle@lists.musclecard.com

ludovic.rousseau@free.fr

Source: https://alioth.debian.org/project/showfiles.php?group_id=1225

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This is the Debian GNU/Linux prepackaged version of ppp.

This package was previously maintained by Ian Murdock <imurdock@debian.org>, Alvar Bray <alvar@debian.org>, Christoph Lameter <clameter@debian.org>, Philip Hands <phil@hands.com>, Michael Beattie <mjb@debian.org> and Russell Coker <russell@coker.com.au>.

It is currently maintained by Marco d'Itri <md@linux.it> and Chris Boot <bootc@debian.org>.

Original sources were obtained from:

`git://ozlabs.org/~paulus/ppp.git`

The options file was originally obtained from:

`ftp://sunsite.unc.edu/pub/Linux/system/Network/serial/pppopt.tgz`

It was later heavily modified by various people, with additions from different sources.

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1.100 pyyaml 3.11-3build1

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

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

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

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

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

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

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This is Debian GNU/Linux's prepackaged version of the FSF's GNU Readline library.

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-5.2.tar.gz.

Upstream Authors:

Chet Ramey <chet.ramey@case.edu>
Jeff Solomon <jsolomon@stanford.edu> (examples/excallback.c)
Harold Levy <Harold.Levy@synopsys.com> (examples/rl-fgets.c)
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Oliver Laumann (examples/rlfe)

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This is Debian GNU/Linux's prepackaged version of the rlfe program.
This package was put together by Matthias Klose <doko@debian.org>.

Upstream source:

<ftp.gnu.org/pub/gnu/readline/readline-4.3.tar.gz>.

Author: Per Bothner

Copyright:

```
/* A front-end using readline to "cook" input lines for Kawa.  
*  
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*  
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* by the Free Software Foundation; either version 2, or (at your option)  
* any later version.  
*  
* Some code from Johnson & Troan: "Linux Application Development"  
* (Addison-Wesley, 1998) was used directly or for inspiration.  
*/
```

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1.103 recode 3.6-22

1.103.1 Available under license :

This is the Debian prepackaged version of Free recode, a program that converts files between character sets and usages. Free recode was written by Francois Pinard <pinard@iro.umontreal.ca>.

This package was first put together by Klee Dienes <klee@mit.edu>.

It is currently maintained by Santiago Vila <sanvila@debian.org>, from sources obtained from:

<http://ftp.gnu.org/gnu/recode/recode-3.6.tar.gz>

The changes were fairly minimal, and consisted solely of adding various `debian/*` files to the distribution.

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1.104 requests 2.14.2

1.104.1 Available under license :

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```

```
# Big5 frequency table
# by Taiwan's Mandarin Promotion Council
# <http://www.edu.tw:81/mandr/>
#
# 128 --> 0.42261
# 256 --> 0.57851
# 512 --> 0.74851
# 1024 --> 0.89384
# 2048 --> 0.97583
#
# Ideal Distribution Ratio = 0.74851/(1-0.74851) =2.98
# Random Distribution Ration = 512/(5401-512)=0.105
#
# Typical Distribution Ratio about 25% of Ideal one, still much higher than RDR
```

```
BIG5_TYPICAL_DISTRIBUTION_RATIO = 0.75
```

```
#Char to FreqOrder table
BIG5_TABLE_SIZE = 5376
```

```
BIG5_CHAR_TO_FREQ_ORDER = (
  1,1801,1506,255,1431,198, 9, 82, 6,5008,177,202,3681,1256,2821,110,# 16
  3814,33,3274,261,76,44,2114,16,2946,2187,1176,659,3971,26,3451,2653,# 32
  1198,3972,3350,4202,410,2215,302,590,361,1964,8,204,58,4510,5009,1932,# 48
  63,5010,5011,317,1614,75,222,159,4203,2417,1480,5012,3555,3091,224,2822,# 64
  3682,3,10,3973,1471,29,2787,1135,2866,1940,873,130,3275,1123,312,5013,# 80
  4511,2052,507,252,682,5014,142,1915,124,206,2947,34,3556,3204,64,604,# 96
  5015,2501,1977,1978,155,1991,645,641,1606,5016,3452,337,72,406,5017,80,# 112
  630,238,3205,1509,263,939,1092,2654,756,1440,1094,3453,449,69,2987,591,# 128
  179,2096,471,115,2035,1844,60,50,2988,134,806,1869,734,2036,3454,180,# 144
  995,1607,156,537,2907,688,5018,319,1305,779,2145,514,2379,298,4512,359,# 160
  2502,90,2716,1338,663,11,906,1099,2553,20,2441,182,532,1716,5019,732,# 176
  1376,4204,1311,1420,3206,25,2317,1056,113,399,382,1950,242,3455,2474,529,# 192
  3276,475,1447,3683,5020,117,21,656,810,1297,2300,2334,3557,5021,126,4205,# 208
  706,456,150,613,4513,71,1118,2037,4206,145,3092,85,835,486,2115,1246,# 224
  1426,428,727,1285,1015,800,106,623,303,1281,5022,2128,2359,347,3815,221,# 240
  3558,3135,5023,1956,1153,4207,83,296,1199,3093,192,624,93,5024,822,1898,# 256
  2823,3136,795,2065,991,1554,1542,1592,27,43,2867,859,139,1456,860,4514,# 272
  437,712,3974,164,2397,3137,695,211,3037,2097,195,3975,1608,3559,3560,3684,# 288
  3976,234,811,2989,2098,3977,2233,1441,3561,1615,2380,668,2077,1638,305,228,# 304
  1664,4515,467,415,5025,262,2099,1593,239,108,300,200,1033,512,1247,2078,# 320
```

5026,5027,2176,3207,3685,2682, 593, 845,1062,3277, 88,1723,2038,3978,1951, 212, # 336
266, 152, 149, 468,1899,4208,4516, 77, 187,5028,3038, 37, 5,2990,5029,3979, # 352
5030,5031, 39,2524,4517,2908,3208,2079, 55, 148, 74,4518, 545, 483,1474,1029, # 368
1665, 217,1870,1531,3138,1104,2655,4209, 24, 172,3562, 900,3980,3563,3564,4519, # 384
32,1408,2824,1312, 329, 487,2360,2251,2717, 784,2683, 4,3039,3351,1427,1789, # 400
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This module uses ctypes to bind a whole bunch of functions and constants from SecureTransport. The goal here is to provide the low-level API to SecureTransport. These are essentially the C-level functions and constants, and they're pretty gross to work with.

This code is a bastardised version of the code found in Will Bond's oscrypto library. An enormous debt is owed to him for blazing this trail for us. For that reason, this code should be considered to be covered both by urllib3's license and by oscrypto's:

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"""

```
from __future__ import absolute_import

import platform
from ctypes.util import find_library
from ctypes import (
    c_void_p, c_int32, c_char_p, c_size_t, c_byte, c_uint32, c_ulong, c_long,
    c_bool
)
from ctypes import CDLL, POINTER, CFUNCTYPE

security_path = find_library('Security')
if not security_path:
    raise ImportError("The library Security could not be found")

core_foundation_path = find_library('CoreFoundation')
if not core_foundation_path:
    raise ImportError("The library CoreFoundation could not be found")

version = platform.mac_ver()[0]
version_info = tuple(map(int, version.split('.')))
if version_info < (10, 8):
    raise OSError(
        'Only OS X 10.8 and newer are supported, not %s.%s' % (
            version_info[0], version_info[1]
        )
    )

Security = CDLL(security_path, use_errno=True)
CoreFoundation = CDLL(core_foundation_path, use_errno=True)

Boolean = c_bool
CFIndex = c_long
```

CFStringEncoding = c_uint32

CFData = c_void_p

CFString = c_void_p

CFArray = c_void_p

CFMutableArray = c_void_p

CFDictionary = c_void_p

CFError = c_void_p

CFTType = c_void_p

CFTTypeID = c_ulong

CFTTypeRef = POINTER(CFTType)

CFAllocatorRef = c_void_p

OSStatus = c_int32

CFDataRef = POINTER(CFData)

CFStringRef = POINTER(CFString)

CFArrayRef = POINTER(CFArray)

CFMutableArrayRef = POINTER(CFMutableArray)

CFDictionaryRef = POINTER(CFDictionary)

CFArrayCallBacks = c_void_p

CFDictionaryKeyCallBacks = c_void_p

CFDictionaryValueCallBacks = c_void_p

SecCertificateRef = POINTER(c_void_p)

SecExternalFormat = c_uint32

SecExternalItemType = c_uint32

SecIdentityRef = POINTER(c_void_p)

SecItemImportExportFlags = c_uint32

SecItemImportExportKeyParameters = c_void_p

SecKeychainRef = POINTER(c_void_p)

SSLProtocol = c_uint32

SSLCipherSuite = c_uint32

SSLContextRef = POINTER(c_void_p)

SecTrustRef = POINTER(c_void_p)

SSLConnectionRef = c_uint32

SecTrustResultType = c_uint32

SecTrustOptionFlags = c_uint32

SSLProtocolSide = c_uint32

SSLConnectionType = c_uint32

SSLSessionOption = c_uint32

try:

Security.SecItemImport.argtypes = [

CFDataRef,

CFStringRef,

POINTER(SecExternalFormat),

```

    POINTER(SecExternalItemType),
    SecItemImportExportFlags,
    POINTER(SecItemImportExportKeyParameters),
    SecKeychainRef,
    POINTER(CFArrayRef),
]
Security.SecItemImport.restype = OSStatus

Security.SecCertificateGetTypeID.argtypes = []
Security.SecCertificateGetTypeID.restype = CFTypeID

Security.SecIdentityGetTypeID.argtypes = []
Security.SecIdentityGetTypeID.restype = CFTypeID

Security.SecKeyGetTypeID.argtypes = []
Security.SecKeyGetTypeID.restype = CFTypeID

Security.SecCertificateCreateWithData.argtypes = [
    CFAllocatorRef,
    CFDataRef
]
Security.SecCertificateCreateWithData.restype = SecCertificateRef

Security.SecCertificateCopyData.argtypes = [
    SecCertificateRef
]
Security.SecCertificateCopyData.restype = CFDataRef

Security.SecCopyErrorMessageString.argtypes = [
    OSStatus,
    c_void_p
]
Security.SecCopyErrorMessageString.restype = CFStringRef

Security.SecIdentityCreateWithCertificate.argtypes = [
    CFTypeRef,
    SecCertificateRef,
    POINTER(SecIdentityRef)
]
Security.SecIdentityCreateWithCertificate.restype = OSStatus

Security.SecKeychainCreate.argtypes = [
    c_char_p,
    c_uint32,
    c_void_p,
    Boolean,
    c_void_p,
    POINTER(SecKeychainRef)
]

```

```

]
Security.SecKeychainCreate.restype = OSStatus

Security.SecKeychainDelete.argtypes = [
    SecKeychainRef
]
Security.SecKeychainDelete.restype = OSStatus

Security.SecPKCS12Import.argtypes = [
    CFDataRef,
    CFDictionaryRef,
    POINTER(CFArrayRef)
]
Security.SecPKCS12Import.restype = OSStatus

SSLReadFunc = CFUNCTYPE(OSStatus, SSLConnectionRef, c_void_p, POINTER(c_size_t))
SSLWriteFunc = CFUNCTYPE(OSStatus, SSLConnectionRef, POINTER(c_byte), POINTER(c_size_t))

Security.SSLSetIOFuncs.argtypes = [
    SSLContextRef,
    SSLReadFunc,
    SSLWriteFunc
]
Security.SSLSetIOFuncs.restype = OSStatus

Security.SSLSetPeerID.argtypes = [
    SSLContextRef,
    c_char_p,
    c_size_t
]
Security.SSLSetPeerID.restype = OSStatus

Security.SSLSetCertificate.argtypes = [
    SSLContextRef,
    CFArrayRef
]
Security.SSLSetCertificate.restype = OSStatus

Security.SSLSetCertificateAuthorities.argtypes = [
    SSLContextRef,
    CFTypeRef,
    Boolean
]
Security.SSLSetCertificateAuthorities.restype = OSStatus

Security.SSLSetConnection.argtypes = [
    SSLContextRef,
    SSLConnectionRef

```

```

]
Security.SSLSetConnection.restype = OSStatus

Security.SSLSetPeerDomainName.argtypes = [
    SSLContextRef,
    c_char_p,
    c_size_t
]
Security.SSLSetPeerDomainName.restype = OSStatus

Security.SSLHandshake.argtypes = [
    SSLContextRef
]
Security.SSLHandshake.restype = OSStatus

Security.SSLRead.argtypes = [
    SSLContextRef,
    c_char_p,
    c_size_t,
    POINTER(c_size_t)
]
Security.SSLRead.restype = OSStatus

Security.SSLWrite.argtypes = [
    SSLContextRef,
    c_char_p,
    c_size_t,
    POINTER(c_size_t)
]
Security.SSLWrite.restype = OSStatus

Security.SSLClose.argtypes = [
    SSLContextRef
]
Security.SSLClose.restype = OSStatus

Security.SSLGetNumberSupportedCiphers.argtypes = [
    SSLContextRef,
    POINTER(c_size_t)
]
Security.SSLGetNumberSupportedCiphers.restype = OSStatus

Security.SSLGetSupportedCiphers.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite),
    POINTER(c_size_t)
]
Security.SSLGetSupportedCiphers.restype = OSStatus

```

```

Security.SSLSetEnabledCiphers.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite),
    c_size_t
]
Security.SSLSetEnabledCiphers.restype = OSStatus

Security.SSLGetNumberEnabledCiphers.argtype = [
    SSLContextRef,
    POINTER(c_size_t)
]
Security.SSLGetNumberEnabledCiphers.restype = OSStatus

Security.SSLGetEnabledCiphers.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite),
    POINTER(c_size_t)
]
Security.SSLGetEnabledCiphers.restype = OSStatus

Security.SSLGetNegotiatedCipher.argtypes = [
    SSLContextRef,
    POINTER(SSLCipherSuite)
]
Security.SSLGetNegotiatedCipher.restype = OSStatus

Security.SSLGetNegotiatedProtocolVersion.argtypes = [
    SSLContextRef,
    POINTER(SSLProtocol)
]
Security.SSLGetNegotiatedProtocolVersion.restype = OSStatus

Security.SSLCopyPeerTrust.argtypes = [
    SSLContextRef,
    POINTER(SecTrustRef)
]
Security.SSLCopyPeerTrust.restype = OSStatus

Security.SecTrustSetAnchorCertificates.argtypes = [
    SecTrustRef,
    CFArrayRef
]
Security.SecTrustSetAnchorCertificates.restype = OSStatus

Security.SecTrustSetAnchorCertificatesOnly.argstypes = [
    SecTrustRef,
    Boolean

```



```

]
Security.SecTrustSetAnchorCertificatesOnly.restype = OSStatus

Security.SecTrustEvaluate.argtypes = [
    SecTrustRef,
    POINTER(SecTrustResultType)
]
Security.SecTrustEvaluate.restype = OSStatus

Security.SecTrustGetCertificateCount.argtypes = [
    SecTrustRef
]
Security.SecTrustGetCertificateCount.restype = CFIndex

Security.SecTrustGetCertificateAtIndex.argtypes = [
    SecTrustRef,
    CFIndex
]
Security.SecTrustGetCertificateAtIndex.restype = SecCertificateRef

Security.SSLCreateContext.argtypes = [
    CFAllocatorRef,
    SSLProtocolSide,
    SSLConnectionType
]
Security.SSLCreateContext.restype = SSLContextRef

Security.SSLSetSessionOption.argtypes = [
    SSLContextRef,
    SSLSessionOption,
    Boolean
]
Security.SSLSetSessionOption.restype = OSStatus

Security.SSLSetProtocolVersionMin.argtypes = [
    SSLContextRef,
    SSLProtocol
]
Security.SSLSetProtocolVersionMin.restype = OSStatus

Security.SSLSetProtocolVersionMax.argtypes = [
    SSLContextRef,
    SSLProtocol
]
Security.SSLSetProtocolVersionMax.restype = OSStatus

Security.SecCopyErrorMessageString.argtypes = [
    OSStatus,

```

```

    c_void_p
]
Security.SecCopyErrorMessageString.restype = CFStringRef

Security.SSLReadFunc = SSLReadFunc
Security.SSLWriteFunc = SSLWriteFunc
Security.SSLContextRef = SSLContextRef
Security.SSLProtocol = SSLProtocol
Security.SSLCipherSuite = SSLCipherSuite
Security.SecIdentityRef = SecIdentityRef
Security.SecKeychainRef = SecKeychainRef
Security.SecTrustRef = SecTrustRef
Security.SecTrustResultType = SecTrustResultType
Security.SecExternalFormat = SecExternalFormat
Security.OSStatus = OSStatus

Security.kSecImportExportPassphrase = CFStringRef.in_dll(
    Security, 'kSecImportExportPassphrase'
)
Security.kSecImportItemIdentity = CFStringRef.in_dll(
    Security, 'kSecImportItemIdentity'
)

# CoreFoundation time!
CoreFoundation.CFRetain.argtypes = [
    CFTypeRef
]
CoreFoundation.CFRetain.restype = CFTypeRef

CoreFoundation.CFRelease.argtypes = [
    CFTypeRef
]
CoreFoundation.CFRelease.restype = None

CoreFoundation.CFGetTypeID.argtypes = [
    CFTypeRef
]
CoreFoundation.CFGetTypeID.restype = CFTypeID

CoreFoundation.CFStringCreateWithCString.argtypes = [
    CFAllocatorRef,
    c_char_p,
    CFStringEncoding
]
CoreFoundation.CFStringCreateWithCString.restype = CFStringRef

CoreFoundation.CFStringGetCStringPtr.argtypes = [
    CFStringRef,

```

```

    CFStringEncoding
]
CoreFoundation.CFStringGetCStringPtr.restype = c_char_p

CoreFoundation.CFStringGetCString.argtypes = [
    CFStringRef,
    c_char_p,
    CFIndex,
    CFStringEncoding
]
CoreFoundation.CFStringGetCString.restype = c_bool

CoreFoundation.CFDataCreate.argtypes = [
    CFAllocatorRef,
    c_char_p,
    CFIndex
]
CoreFoundation.CFDataCreate.restype = CFDataRef

CoreFoundation.CFDataGetLength.argtypes = [
    CFDataRef
]
CoreFoundation.CFDataGetLength.restype = CFIndex

CoreFoundation.CFDataGetBytePtr.argtypes = [
    CFDataRef
]
CoreFoundation.CFDataGetBytePtr.restype = c_void_p

CoreFoundation.CFDictionaryCreate.argtypes = [
    CFAllocatorRef,
    POINTER(CFTypeRef),
    POINTER(CFTypeRef),
    CFIndex,
    CFDictionaryKeyCallBacks,
    CFDictionaryValueCallBacks
]
CoreFoundation.CFDictionaryCreate.restype = CFDictionaryRef

CoreFoundation.CFDictionaryGetValue.argtypes = [
    CFDictionaryRef,
    CFTypeRef
]
CoreFoundation.CFDictionaryGetValue.restype = CFTypeRef

CoreFoundation.CFArrayCreate.argtypes = [
    CFAllocatorRef,
    POINTER(CFTypeRef),

```

```

    CFIndex,
    CFArrayCallbacks,
]
CoreFoundation.CFArrayCreate.restype = CFArrayRef

CoreFoundation.CFArrayCreateMutable.argtypes = [
    CFAllocatorRef,
    CFIndex,
    CFArrayCallbacks
]
CoreFoundation.CFArrayCreateMutable.restype = CFMutableArrayRef

CoreFoundation.CFArrayAppendValue.argtypes = [
    CFMutableArrayRef,
    c_void_p
]
CoreFoundation.CFArrayAppendValue.restype = None

CoreFoundation.CFArrayGetCount.argtypes = [
    CFArrayRef
]
CoreFoundation.CFArrayGetCount.restype = CFIndex

CoreFoundation.CFArrayGetValueAtIndex.argtypes = [
    CFArrayRef,
    CFIndex
]
CoreFoundation.CFArrayGetValueAtIndex.restype = c_void_p

CoreFoundation.kCFAllocatorDefault = CFAllocatorRef.in_dll(
    CoreFoundation, 'kCFAllocatorDefault'
)
CoreFoundation.kCFTypeArrayCallbacks = c_void_p.in_dll(CoreFoundation, 'kCFTypeArrayCallbacks')
CoreFoundation.kCFTypeDictionaryKeyCallbacks = c_void_p.in_dll(
    CoreFoundation, 'kCFTypeDictionaryKeyCallbacks'
)
CoreFoundation.kCFTypeDictionaryValueCallbacks = c_void_p.in_dll(
    CoreFoundation, 'kCFTypeDictionaryValueCallbacks'
)

CoreFoundation.CFTypeRef = CFTypeRef
CoreFoundation.CFArrayRef = CFArrayRef
CoreFoundation.CFStringRef = CFStringRef
CoreFoundation.CFDictionaryRef = CFDictionaryRef

except (AttributeError):
    raise ImportError('Error initializing ctypes')

```

```

class CFConst(object):
    """
    A class object that acts as essentially a namespace for CoreFoundation
    constants.
    """
    kCFStringEncodingUTF8 = CFStringEncoding(0x08000100)

class SecurityConst(object):
    """
    A class object that acts as essentially a namespace for Security constants.
    """
    kSSLSessionOptionBreakOnServerAuth = 0

    kSSLProtocol2 = 1
    kSSLProtocol3 = 2
    kTLSProtocol1 = 4
    kTLSProtocol11 = 7
    kTLSProtocol12 = 8

    kSSLClientSide = 1
    kSSLStreamType = 0

    kSecFormatPEMSequence = 10

    kSecTrustResultInvalid = 0
    kSecTrustResultProceed = 1
    # This gap is present on purpose: this was kSecTrustResultConfirm, which
    # is deprecated.
    kSecTrustResultDeny = 3
    kSecTrustResultUnspecified = 4
    kSecTrustResultRecoverableTrustFailure = 5
    kSecTrustResultFatalTrustFailure = 6
    kSecTrustResultOtherError = 7

    errSSLProtocol = -9800
    errSSLWouldBlock = -9803
    errSSLClosedGraceful = -9805
    errSSLClosedNoNotify = -9816
    errSSLClosedAbort = -9806

    errSSLXCertChainInvalid = -9807
    errSSLCrypto = -9809
    errSSLInternal = -9810
    errSSLCertExpired = -9814
    errSSLCertNotYetValid = -9815
    errSSLUnknownRootCert = -9812

```

errSSLNoRootCert = -9813
errSSLHostNameMismatch = -9843
errSSLPeerHandshakeFail = -9824
errSSLPeerUserCancelled = -9839
errSSLWeakPeerEphemeralDHKey = -9850
errSSLServerAuthCompleted = -9841
errSSLRecordOverflow = -9847

errSecVerifyFailed = -67808
errSecNoTrustSettings = -25263
errSecItemNotFound = -25300
errSecInvalidTrustSettings = -25262

Cipher suites. We only pick the ones our default cipher string allows.

TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 = 0xC02C
TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384 = 0xC030
TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 = 0xC02B
TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 = 0xC02F
TLS_DHE_DSS_WITH_AES_256_GCM_SHA384 = 0x00A3
TLS_DHE_RSA_WITH_AES_256_GCM_SHA384 = 0x009F
TLS_DHE_DSS_WITH_AES_128_GCM_SHA256 = 0x00A2
TLS_DHE_RSA_WITH_AES_128_GCM_SHA256 = 0x009E
TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384 = 0xC024
TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 = 0xC028
TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA = 0xC00A
TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA = 0xC014
TLS_DHE_RSA_WITH_AES_256_CBC_SHA256 = 0x006B
TLS_DHE_DSS_WITH_AES_256_CBC_SHA256 = 0x006A
TLS_DHE_RSA_WITH_AES_256_CBC_SHA = 0x0039
TLS_DHE_DSS_WITH_AES_256_CBC_SHA = 0x0038
TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256 = 0xC023
TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256 = 0xC027
TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA = 0xC009
TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA = 0xC013
TLS_DHE_RSA_WITH_AES_128_CBC_SHA256 = 0x0067
TLS_DHE_DSS_WITH_AES_128_CBC_SHA256 = 0x0040
TLS_DHE_RSA_WITH_AES_128_CBC_SHA = 0x0033
TLS_DHE_DSS_WITH_AES_128_CBC_SHA = 0x0032
TLS_RSA_WITH_AES_256_GCM_SHA384 = 0x009D
TLS_RSA_WITH_AES_128_GCM_SHA256 = 0x009C
TLS_RSA_WITH_AES_256_CBC_SHA256 = 0x003D
TLS_RSA_WITH_AES_128_CBC_SHA256 = 0x003C
TLS_RSA_WITH_AES_256_CBC_SHA = 0x0035
TLS_RSA_WITH_AES_128_CBC_SHA = 0x002F

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Requests includes some vendorized python libraries to ease installation.

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1.105 retrying 1.3.3

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1.106 rpcbind 0.2.3 :2

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1.108 silk 3.16.0

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* the Harvest ``src/' directory) for free. We made this change
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* the technology. The Harvest software is really a reference
* implementation of a set of protocols and formats, some of which
* we intend to standardize. We encourage commercial
* re-implementations of code complying to this set of standards.
*/

=====
lib/base64.c::base64_encode():

Adopted from <http://ftp.sunet.se/pub2/gnu/vm/base64-encode.c>.
Modified to work with strings instead of files.

=====
snmplib/*:
include/{asn1.h,parse.h,snmp*}:

The SNMP library code is developed by Carnegie Mellon University.

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*

*****/

=====
lib/GNUregex.c:

/* Extended regular expression matching and search library,

* version 0.12.

* (Implements POSIX draft P10003.2/D11.2, except for

* internationalization features.)

*

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* Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111, USA. */

=====
lib/md5.c:

/*

* 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

* SquidMD5Context structure, pass it to SquidMD5Init, call

* SquidMD5Update as needed on buffers full of bytes, and then call

* SquidMD5Final, which will fill a supplied 16-byte array with the

* digest.
*
* Changed so as no longer to depend on Colin Plumb's `usual.h' header
* definitions; now uses stuff from dpkg's config.h.
* - Ian Jackson <ian@chiark.greenend.org.uk>.
* Still in the public domain.
*
* Changed SquidMD5Update to take a void * for easier use and some
* other minor cleanup. - Henrik Nordstrom <henrik@henriknordstrom.net>.
* Still in the public domain.
*
* Prefixed all symbols with "Squid" so they don't collide with
* other libraries. Duane Wessels <wessels@squid-cache.org>.
* Still in the public domain.
*/

lib/radix.c:

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*
*/

* @(#)radix.c 8.4 (Berkeley) 11/2/94

*/

=====
lib/tempnam.c:

/* A reasonably functional tmpnam. */

/* Originally by Tom Hageman, tom@basil.icce.rug.nl */

/*

* This tmpnam() was changed by Gerben_Wierda@RnA.nl to serve as

* tmpnam() for squid-1.1.6. It ignores the directory parameter, every

* temp file is written in /tmp.

*/

=====
lib/drand48.c:

From Linux libc-5.4.46.

=====
mcast_encode() in src/access_log.c is derived from Mark Atkinson's

(mark_a@cix.compulink.co.uk) "Tiny Encryption Algorithm".

<http://www.io.com/~paulhart/game/algorithms/tea.html>

=====
lib/inet_ntoa.c:

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*/

```
static char sccsid[] = "@(#)inet_ntoa.c 5.6 (Berkeley) 2/24/91";
```

=====
lib/strnstr.cc:

```
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*
* @(#)strstr.c 8.1 (Berkeley) 6/4/93
* \$FreeBSD: src/lib/libc/string/strnstr.c,v 1.2.2.1 2001/12/09 06:50:03 mike Exp \$\br/>* \$DragonFly: src/lib/libc/string/strnstr.c,v 1.4 2006/03/20 17:24:20 dillon Exp \$\br/>*/

=====

lib/getopt.c:

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*/

static char sccsid[] = "@(#)getopt.c 8.3 (Berkeley) 4/27/95";

=====

src/external_acl.c

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=====

helpers/external_acl/wbinfo_group/wbinfo_group.pl

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=====

helpers/external_acl/winbind_group/

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Based on previous work of Rodrigo Albani de Campos

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includes code contributed by others

winbind client common code

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=====

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This package was debianized by Luigi Gangitano <luigi@debian.org> on
22 Apr 2006.

The current Debian maintainer is Luigi Gangitano <luigi@debian.org>

It was downloaded from <http://www.squid-cache.org>

SQUID Internet Object Cache <http://www.squid-cache.org>

Squid is the result of efforts by numerous individuals from the Internet community. Development is led by Duane Wessels of the National Laboratory for Applied Network Research and funded by the National Science Foundation.

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*   and use restrictions.
*
*   Note that the Harvest software is NOT in the public domain. We
*   retain copyright, as specified above.
*
* HISTORY OF FREE SOFTWARE STATUS
*
*   Originally we required sites to license the software in cases
*   where they were going to build commercial products/services
*   around Harvest. In June 1995 we changed this policy. We now
*   allow people to use the core Harvest software (the code found in
*   the Harvest ``src/' directory) for free. We made this change
*   in the interest of encouraging the widest possible deployment of
*   the technology. The Harvest software is really a reference
*   implementation of a set of protocols and formats, some of which
*   we intend to standardize. We encourage commercial
*   re-implementations of code complying to this set of standards.
*/

```

```
=====
```

```
lib/base64.c::base64_encode():
```

```
Adopted from http://ftp.sunet.se/pub2/gnu/vm/base64-encode.c.
Modified to work with strings instead of files.
```

```
=====
```

```
snmplib/*:
include/{asn1.h,parse.h,snmp*}:
```

```
The SNMP library code is developed by Carnegie Mellon University.
```

```
/******
```

```

*
*   Copyright 1997 by Carnegie Mellon University

```


lib/md5.c:

```
/*
 * 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
 * SquidMD5Context structure, pass it to SquidMD5Init, call
 * SquidMD5Update as needed on buffers full of bytes, and then call
 * SquidMD5Final, which will fill a supplied 16-byte array with the
 * digest.
 *
 * Changed so as no longer to depend on Colin Plumb's `usual.h' header
 * definitions; now uses stuff from dpkg's config.h.
 * - Ian Jackson <ian@chiark.greenend.org.uk>.
 * Still in the public domain.
 *
 * Changed SquidMD5Update to take a void * for easier use and some
 * other minor cleanup. - Henrik Nordstrom <henrik@henriknordstrom.net>.
 * Still in the public domain.
 *
 * Prefixed all symbols with "Squid" so they don't collide with
 * other libraries. Duane Wessels <wessels@squid-cache.org>.
 * Still in the public domain.
 */
```

=====
lib/radix.c:

```
/*
 * Copyright (c) 1988, 1989, 1993
 * The Regents of the University of California. All rights reserved.
 *
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 * modification, are permitted provided that the following conditions
 * are met:
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```


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* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* @(#)radix.c 8.4 (Berkeley) 11/2/94
*/

=====
lib/tempnam.c:

/* A reasonably functional tmpnam. */

/* Originally by Tom Hageman, tom@basil.icce.rug.nl */

/*
* This tmpnam() was changed by Gerben_Wierda@RnA.nl to serve as
* tmpnam() for squid-1.1.6. It ignores the directory parameter, every
* temp file is written in /tmp.
*/

=====
lib/drand48.c:

From Linux libc-5.4.46.

=====
mcast_encode() in src/access_log.c is derived from Mark Atkinson's
(mark_a@cix.compulink.co.uk) "Tiny Encryption Algorithm".
<http://www.io.com/~paulhart/game/algorithms/tea.html>
=====

lib/inet_ntoa.c:

/*

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*

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* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

* SUCH DAMAGE.

*/

static char sccsid[] = "@(#)inet_ntoa.c 5.6 (Berkeley) 2/24/91";

=====

lib/strnstr.cc:

/*_

* Copyright (c) 2001 Mike Barcroft <mike@FreeBSD.org>

* Copyright (c) 1990, 1993

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*

* This code is derived from software contributed to Berkeley by

* Chris Torek.

*

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```

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* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* @(#)str.c 8.1 (Berkeley) 6/4/93
* $FreeBSD: src/lib/libc/string/str.c,v 1.2.2.1 2001/12/09 06:50:03 mike Exp $
* $DragonFly: src/lib/libc/string/str.c,v 1.4 2006/03/20 17:24:20 dillon Exp $
*/

```

```

=====

```

```

lib/getopt.c:

```

```

/*
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*
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* modification, are permitted provided that the following conditions
* are met:
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```

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* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*/

```
static char sccsid[] = "@(#)getopt.c 8.3 (Berkeley) 4/27/95";
```

```
=====  
src/external_acl.c
```

Copyright (C) 2002 MARA Systems AB, Sweden <info@marasystems.com>

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it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2, or (at your option)
any later version.

```
=====  
helpers/external_acl/wbinfo_group/wbinfo_group.pl
```

This program is put in the public domain by Jerry Murdock
<jmurdock@itraktech.com>. It 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.

```
=====  
helpers/external_acl/winbind_group/
```

This is a helper for the external ACL interface for Squid Cache
Copyright (C) 2002 Guido Serassio <squidnt@serassio.it>
Based on previous work of Rodrigo Albani de Campos

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.

includes code contributed by others

winbind client common code

Copyright (C) Tim Potter 2000

Copyright (C) Andrew Tridgell 2000

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lib/libTrie/*

This library is (C) Robert Collins <rbcollins@hotmail.com> and is licensed under the GPL.

On Debian GNU/Linux systems, a copy of the GNU General Public License can be found in /usr/share/common-licenses/GPL.

The Debian packaging is (C) 2006, Luigi Gangitano <luigi@debian.org> and is licensed under the GPL, see above.

1.111 strongswan 5.3.5 :1ubuntu3

1.111.1 Available under license :

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

Upstream-Name: strongswan

Upstream-Contact: <http://strongswan.org/>

Source: <http://strongswan.org/>

Files: *

Copyright: 2005-2011, Martin Willi

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Files: conf/*

Copyright: 2007-2015, Tobias Brunner

License: GPL-2+

Files: ltmain.sh

Copyright: 1996-2001, 2003-2005, 2006

License: GPL-2+

Files: scripts/aes-test.c

scripts/settings-test.c

Copyright: 2007-2015, Tobias Brunner

License: GPL-2+

Files: scripts/cript_burn.c

scripts/fetch.c

scripts/hash_burn.c

scripts/oid2der.c

scripts/tls_test.c

Copyright: 2010-2015, revosec AG

2006-2015, Martin Willi

License: GPL-2+

Files: scripts/dnssec.c

Copyright: 2011, 2012, Reto Guadagnini

License: GPL-2+

Files: scripts/keyid2sql.c

scripts/thread_analysis.c

Copyright: 2001-2015, Andreas Steffen

License: GPL-2+

Files: scripts/malloc_speed.c

Copyright: 2013, revosec aG

2013, Martin Willi

License: GPL-2+

Files: src/_copyright/*

Copyright: 2001, Henry Spencer

, reporter

, 1999-2013"

License: GPL-2+

Files: src/aikgen/*

Copyright: 2014, Andreas Steffen

2008, Hal Finney

License: Expat

Files: src/charon-cmd/*

Copyright: 2010-2014, revosec AG

2009-2014, Tobias Brunner

2007-2014, Martin Willi

License: GPL-2+

Files: src/charon-cmd/charon-cmd.c

Copyright: 2006-2014, Tobias Brunner

2006, Daniel Roethlisberger

2005-2013, Martin Willi

2005, Jan Hutter

License: GPL-2+

Files: src/charon-cmd/cmd/cmd_connection.h
src/charon-cmd/cmd/cmd_creds.h

Copyright: 2010-2015, revosec AG
2006-2015, Martin Willi

License: GPL-2+

Files: src/charon-nm/charon-nm.c

Copyright: 2007-2015, Tobias Brunner

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Files: src/charon-nm/nm/nm_backend.c
src/charon-nm/nm/nm_service.c

Copyright: 2007-2015, Tobias Brunner
2005-2013, Martin Willi

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Files: src/charon-nm/nm/nm_backend.h

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Files: src/charon-svc/*

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Files: src/charon-systemd/*

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2005-2014, Martin Willi
2005, Jan Hutter

License: GPL-2+

Files: src/charon-tkm/*

Copyright: 2012-2014, Reto Buerki
2012, 2013, Adrian-Ken Rueeggsegger

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Files: src/charon-tkm/src/charon-tkm.c

Copyright: 2012, 2013, 2015, Tobias Brunner
2012-2014, Reto Buerki

2012, Adrian-Ken Rueeggsegger

License: GPL-2+

Files: src/charon-tkm/src/tkm/tkm_keymat.c

Copyright: 2012, 2013, 2015, Tobias Brunner

2012-2014, Reto Buerki
2012, Adrian-Ken Rueeggsegger
License: GPL-2+

Files: src/charon-tkm/tests/tests.c
Copyright: 2012, 2013, 2015, Tobias Brunner
2012-2014, Reto Buerki
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Files: src/charon/*
Copyright: 2006-2014, Tobias Brunner
2006, Daniel Roethlisberger
2005-2013, Martin Willi
2005, Jan Hutter
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Files: src/confest/*
Copyright: 2010-2015, revosec AG
2006-2015, Martin Willi
License: GPL-2+

Files: src/confest/hooks/reset_seq.c
Copyright: 2012, achelos GmbH
2010, revosec AG
2010, Martin Willi
License: Expat and GPL-2+

Files: src/dumm/*
Copyright: 2007-2015, Tobias Brunner
2005-2013, Martin Willi
License: GPL-2+

Files: src/dumm/bridge.c
src/dumm/bridge.h
src/dumm/iface.h
src/dumm/irdumm.c
src/dumm/main.c
src/dumm/mconsole.h
Copyright: 2005-2011, Martin Willi
License: GPL-2+

Files: src/dumm/cowfs.c
Copyright: 2009, Tobias Brunner
2007, Martin Willi
2001-2007, Miklos Szeredi
License: GPL-2+

Files: src/dumm/ext/lib/*
Copyright: 2007-2015, Tobias Brunner
License: GPL-2+

Files: src/dumm/iface.c
Copyright: 2008, Tobias Brunner
2007, Martin Willi
2002, Jeff Dike
License: GPL-2+

Files: src/dumm/mconsole.c
Copyright: 2007, Martin Willi
2001-2004, Jeff Dike
License: GPL-2+

Files: src/include/*
Copyright: *No copyright*
License: GPL-2+

Files: src/include/linux/if_alg.h
Copyright: 2010, Herbert Xu <herbert@gondor.apana.org.au>
License: GPL-2+

Files: src/include/linux/udp.h
Copyright: Fred N. van Kempen, <waltje@uWalt.NL.Mugnet.ORG>
License: GPL-2+

Files: src/include/sys/*
Copyright: 1991, 1993
License: BSD-3-clause

Files: src/libcharon/attributes/attributes.c
src/libcharon/attributes/attributes.h
Copyright: 2005, Jan Hutter
2005, 2006, Martin Willi
License: GPL-2+

Files: src/libcharon/attributes/mem_pool.c
Copyright: 2007-2015, Tobias Brunner
2005-2013, Martin Willi
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Files: src/libcharon/attributes/mem_pool.h
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Files: src/libcharon/bus/listeners/logger.h

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Files: src/libcharon/config/*

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Files: src/libcharon/config/backend.h

src/libcharon/config/backend_manager.c

src/libcharon/config/backend_manager.h

src/libcharon/config/proposal.h

Copyright: 2005-2011, Martin Willi

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Files: src/libcharon/config/ike_cfg.c

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Files: src/libcharon/config/proposal.c

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Files: src/libcharon/daemon.c

src/libcharon/daemon.h

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Files: src/libcharon/encoding/*

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Files: src/libcharon/encoding/generator.c
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2005-2011, Martin Willi
2005, Jan Hutter
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Files: src/libcharon/encoding/generator.h
src/libcharon/encoding/parser.c
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Files: src/libcharon/encoding/message.c
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2005-2014, Martin Willi
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Files: src/libcharon/encoding/message.h
Copyright: 2006-2014, Tobias Brunner
2006, Daniel Roethlisberger
2005-2013, Martin Willi
2005, Jan Hutter
License: GPL-2+

Files: src/libcharon/encoding/payloads/auth_payload.c
src/libcharon/encoding/payloads/certreq_payload.c
src/libcharon/encoding/payloads/configuration_attribute.c
src/libcharon/encoding/payloads/cp_payload.c
src/libcharon/encoding/payloads/ke_payload.c
src/libcharon/encoding/payloads/nonce_payload.c
src/libcharon/encoding/payloads/traffic_selector_substructure.c
src/libcharon/encoding/payloads/transform_attribute.c
src/libcharon/encoding/payloads/transform_substructure.c
src/libcharon/encoding/payloads/ts_payload.c
src/libcharon/encoding/payloads/vendor_id_payload.c
Copyright: 2010, revosec AG
2005-2010, Martin Willi
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Files: src/libcharon/encoding/payloads/cert_payload.c
src/libcharon/encoding/payloads/id_payload.c
Copyright: 2010, 2011, revosec AG
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Files: src/libcharon/encoding/payloads/cert_payload.h
src/libcharon/encoding/payloads/eap_payload.c
src/libcharon/encoding/payloads/ike_header.h
src/libcharon/encoding/payloads/proposal_substructure.c
src/libcharon/encoding/payloads/sa_payload.c

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Files: src/libcharon/encoding/payloads/configuration_attribute.h
src/libcharon/encoding/payloads/cp_payload.h
src/libcharon/encoding/payloads/vendor_id_payload.h

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Files: src/libcharon/encoding/payloads/delete_payload.c
src/libcharon/encoding/payloads/encrypted_payload.c
src/libcharon/encoding/payloads/encrypted_payload.h

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Files: src/libcharon/encoding/payloads/delete_payload.h
src/libcharon/encoding/payloads/eap_payload.h
src/libcharon/encoding/payloads/id_payload.h
src/libcharon/encoding/payloads/ike_header.c
src/libcharon/encoding/payloads/payload.c
src/libcharon/encoding/payloads/payload.h
src/libcharon/encoding/payloads/proposal_substructure.h

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2005, 2006, Martin Willi

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Files: src/libcharon/encoding/payloads/encrypted_fragment_payload.h
src/libcharon/encoding/payloads/endpoint_notify.c
src/libcharon/encoding/payloads/endpoint_notify.h
src/libcharon/encoding/payloads/fragment_payload.c
src/libcharon/encoding/payloads/fragment_payload.h

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License: GPL-2+

Files: src/libcharon/encoding/payloads/hash_payload.c
src/libcharon/encoding/payloads/hash_payload.h

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Files: src/libcharon/encoding/payloads/notify_payload.h

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Files: src/libcharon/network/receiver.c

src/libcharon/network/sender.c

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2005, 2006, Martin Willi

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Files: src/libcharon/network/receiver.h

src/libcharon/network/sender.h

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License: GPL-2+

Files: src/libcharon/network/socket.c

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Files: src/libcharon/network/socket.h

Copyright: 2006-2014, Tobias Brunner

2006, Daniel Roethlisberger

2005-2013, Martin Willi

2005, Jan Hutter

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Files: src/libcharon/plugins/*

Copyright: 2010-2015, revosec AG

2006-2015, Martin Willi

License: GPL-2+

Files: src/libcharon/plugins/addrblock/addrblock_narrow.c

Copyright: 2010, revosec AG

2010, Martin Willi

2009, Andreas Steffen

License: GPL-2+

Files: src/libcharon/plugins/addrblock/addrblock_validator.c

Copyright: 2010, Martin Willi, revosec AG

2009, 2010, Andreas Steffen, HSR Hochschule fuer Technik Rapperswil

License: GPL-2+

Files: src/libcharon/plugins/android_dns/*

Copyright: 2007-2015, Tobias Brunner

License: GPL-2+

Files: src/libcharon/plugins/android_dns/android_dns_handler.c

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Files: src/libcharon/plugins/android_dns/android_dns_handler.h

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2008-2012, Tobias Brunner

License: GPL-2+

Files: src/libcharon/plugins/android_log/*

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License: GPL-2+

Files: src/libcharon/plugins/attr/*

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License: GPL-2+

Files: src/libcharon/plugins/attr/attr_provider.c
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2005-2013, Martin Willi
License: GPL-2+

Files: src/libcharon/plugins/attr_sql/*
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License: GPL-2+

Files: src/libcharon/plugins/attr_sql/attr_sql_plugin.c
Copyright: 2007-2015, Tobias Brunner
2005-2013, Martin Willi
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Files: src/libcharon/plugins/dhcp/dhcp_plugin.c
Copyright: 2010-2015, Tobias Brunner
2010-2013, revosec AG
2007-2013, Martin Willi
License: GPL-2+

Files: src/libcharon/plugins/dnscert/*
Copyright: 2013, Ruslan Marchenko
License: Expat

Files: src/libcharon/plugins/dnscert/dnscert_cred.c
src/libcharon/plugins/dnscert/dnscert_plugin.c
Copyright: 2013, Tobias Brunner
2013, Ruslan Marchenko
2012, Reto Guadagnini
License: Expat and GPL-2+

Files: src/libcharon/plugins/eap_aka/*
Copyright: 2005-2011, Martin Willi
License: GPL-2+

Files: src/libcharon/plugins/eap_aka_3gpp2/*
Copyright: 2005-2011, Martin Willi
License: GPL-2+

Files: src/libcharon/plugins/eap_dynamic/*
Copyright: 2007-2015, Tobias Brunner
License: GPL-2+

Files: src/libcharon/plugins/eap_gtc/*
Copyright: 2005-2011, Martin Willi
License: GPL-2+

Files: src/libcharon/plugins/eap_gtc/eap_gtc.c
Copyright: 2010-2015, revosec AG
2006-2015, Martin Willi
License: GPL-2+

Files: src/libcharon/plugins/eap_identity/*
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src/libimcv/pts/pts_error.c

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src/libimcv/pts/pts_file_meta.c

src/libimcv/pts/pts_file_meta.h

src/libimcv/pts/pts_file_type.h

src/libimcv/pts/pts_proto_caps.h

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src/libstrongswan/plugins/pkcs11/pkcs11_private_key.c

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src/libstrongswan/plugins/test_vectors/test_vectors/cast.c

src/libstrongswan/plugins/test_vectors/test_vectors/des.c

src/libstrongswan/plugins/test_vectors/test_vectors/idea.c
src/libstrongswan/plugins/test_vectors/test_vectors/md4.c
src/libstrongswan/plugins/test_vectors/test_vectors/null.c
src/libstrongswan/plugins/test_vectors/test_vectors/rc5.c
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src/libstrongswan/plugins/test_vectors/test_vectors/aes_ctr.c
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src/libtnccs/plugins/tnccs_11/messages/tnccs_msg.c

src/libtnccs/plugins/tnccs_11/messages/tnccs_preferred_language_msg.c

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1.113 suricata 3.0-1

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1.116 tgt 1.0.63-1ubuntu1.1

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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd
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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd

- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
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- javaee_5.xsd
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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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may be obtained from:

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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd

- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
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Version 3, 29 June 2007

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1.122 udisks2 2.1.7-1ubuntu1

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/*****

PSQLODBC.DLL - A library to talk to the PostgreSQL DBMS using ODBC.

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1.124 Unzip 6.0-20ubuntu1

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1.128 xinetd 1:2.3.15 :3

1.128.1 Available under license :

xinetd was first debianized by Boris D. Beletsky, and later maintained by Adam Heath and Norbert Veber. Josip Rodin maintained it for a while, then Daniel Silverstone.

It is currently maintained by Thomas Seyrat <tomasera@debian.org>.

Original source may be found at: <http://synack.net/xinetd/>

Another useful URL is <http://www.xinetd.org/>

Upstream maintainer is: Rob Braun <bbraun@synack.net>

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1.129 yaf 2.8.4

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