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Text Part Number: 78EE117C99-1188627994

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Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip

5.42, the complete

core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program.

For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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- * MoreFiles
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- * A collection of File Manager and related routines
- *
- * by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
- * with significant code contributions by Nitin Ganatra
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- * -----
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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduced code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

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The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.2 libnfnetlink 1.0.1

1.2.1 Available under license :

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

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```
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```

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

<signature of Ty Coon>, 1 April 1989
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1.3 libmnl 1.0.4

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Version 2.1, February 1999

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1.4 rsync 3.1.3

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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 state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

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

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

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

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1.5 diffutils 3.7

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1.6 ed 1.15

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1.7 kmod 26

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

c) Convey individual copies of the object code with a copy of the

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

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```
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```
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```

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1.9 patch 2.7.6

1.10 bzip2 1.0.8

1.11 gawk 5.0.1

1.11.1 Available under license :

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Version 2, June 1991

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[This is the first released version of the library GPL. It is
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this

function must

be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of the

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

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

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

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

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

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

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

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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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```
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1.12 json-c 0.13.1

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1.13 m4 1.4.18

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1.17 gpt-fdisk 1.0.4

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

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

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may

consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

1.19 bsd-mailx 12.5-5

1.19.1 Available under license :

bsd-mailx for DEBIAN

The history of this package is quite complicated. The changelog includes a summary with the different maintainers.

At the beginning of Debian, I think this package was based on a BSD 5.5 mail version from FreeBSD.

There has been a lot on work on the package shipped with Debian 0.93R6, which was based a BSD 8.1 mail version from BSD4.4Lite. The extensions includes support for dotfile locking, setgid support, POP support, signal handling hacks.

here is a README originally found:

- + README for Berkely mailx version 8.1 with POP extension
- +
- + This is "mailx", a simple program for sending and receiving email.
- +
- + This is based on mailx version 8.1 (as distributed with BSD 4.4lite).
- +
- + It has been extended to support the post-office protocol (POP). Run
- + "mail -p" and it will retrieve your email from a POP server rather than
- + from your local mail queue. See the manual page for more details.
- +
- + The POP support was written
- by Jonathan I. Kamens for version mailx 5.5
- + (as distributed with BSD 4.3.)
- +
- + The POP support was integrated into version 8.1 by Salvatore Valente
- + for no particular reason. (It would have been simpler for me to
- + simply use Jonathan's 5.5 source tree. There are no major differences
- + between the two versions.)
- +
- + Have a nice day.
- + -Salvatore Valente. <svalente@athena.mit.edu>
- + 5/12/94
- +
- +
- + PORTING

- +
- + Before attempting to compile this for _any_ system, you should do two
- + things:
- +
- + Edit CFLAGS in Makefile.
- + Edit pathnames.h.
- +
- + These sources are _extremely_ BSDish. I have successfully built this
- + for Linux, BSD 4.3, NetBSD, Ultrix, Aix, and SunOS. I have never
- + successfully gotten it to build for Solaris or any System 5ish system.
- + If you want to try, here are some issues you will face:
- +
- + It uses BSD signal() semantics. Use sigaction().
- + It uses BSD longjmp() semantics. Use siglongjmp().
- +
- It uses BSD sgtty. Use termios.
- + It uses BSD signal mask functions. Use posix sigmask functions.
- +
- + There will probably be other hurdles too. Good luck.

With Debian1.1 a switch was done to a version base on a BSD5.5 mail program, because of signal handling problems (which I think were due to bad compilation options). So no more POP support. Some patches from Ken Whang <Kenneth.C.Whang-1@umn.edu> included, the corresponding README was:

- + mailx-5.5-kw 5/30/95
- +
- +
- + WHAT'S IN THIS PATCH
- +
- + There are a bunch of little features, common in System V and SunOS
- + versions of mailx, that are missing from the NetBSD-based version
- + distributed with Linux. This patch attempts to fill in some of what's
- + missing.
- +
- + Changes from debian mailx-5.5 include:
- +
- + 5/4/95:
- +
- + -- interpret prompt variable
- + -- interpret ~a and ~A tilde escapes
- + -- updated tildehelp list
- + -- changed mail.rc to ignore nothing (just my personal preference)
- + -- accept
- From lines with times of the form hh:mm (formerly took only hh:mm:ss)
- +
- + 5/7/95:

```

+
+ -- Save (S) command saves to mailbox named after author
+ -- take startup commands from file named by environment variable MAILRC
+
+ 5/30/95:
+
+ -- -H switch for header summary only
+
+ Still to be done:
+
+ -- pipe ~p output through PAGER (see type1 in cmd1.c for an example)
+ -- save (s) by default to MBOX (instead of "No file specified.")
+ -- ~q should save to dead.letter, ~x is not known
+ -- update man page
+ -- allnet and showto ("showto" shows recipient instead of sender if sender
+   is current user)
+
+ Possibly difficult:
+
+ -- interpret editheaders variable as in SunOS version
+
+ Bugs:
+
+ -- ~a,~A tilde escapes leave an extra trailing blank on each line
+ -- to conform to original style, I should really be using char *cp
+   instead of new variables sig and prompt to be looking up variables
+ -- -H switch implementation
+ is kind of gross.  grep for "hdronly" in
+   source files; much room for improvement!
+
+
+ HOW TO INSTALL
+
+ Apply Sal Valente's debian patch first, so:
+
+   tar xvfz mailx-5.5.tar.gz
+   cd mailx-5.5
+   zcat ../mailx-5.5.debian.diff.gz | patch -p1
+   zcat ../mailx-5.5-kw.diff.gz | patch -p1
+   make
+
+ Or you may wish to just uncompress the diff file and pick and choose
+ the changes that you like.
+
+
+ AUTHOR
+
+ Ken Whang <Kenneth.C.Whang-1@umn.edu>

```

This version has no provision for the debian mail policy (permission on /var/mail+dotfile locking), so Loic Prylli <lprylli@graville.fdn.fr> finally recreate a package based on the OpenBSD mail with the minimum number of patches to make it suited for debian (see changelog). There is no more POP support, nor the added functionality from Ken Whang, but all these patches are archived, so mail <lprylli@graville.fdn.fr> if you want them to be incorporated.

Loic Prylli

<lprylli@graville.fdn.fr>, Mon, 23 Dec 1996 00:13:13 +0100

Sat Apr 4 14:05:38 CEST 1998:

After a security patch to fix tmp races, a number of things broke.

Here is what I have tried to fix them:

The rationale is to have all file openings go through safe_open:

File opened in mode "w", "w+", are created with O_EXCL mode,

(should coincide with temporary files or new files)

Files with "a" "a+" et "r+" mode do not require the O_EXCL files. "a+" et "r+" do not creat the file.

Still to do: check creat calls

3.0 (quilt)

diff-ignore

tar-ignore

00-Makefiles.patch

01-Fix-includes.patch

02-Base-fixes-1.patch

03-Base-fixes-2.patch

04-Add-custom-header.patch

05-Mailx-fixes.patch

06-Use-lockf-instead-of-flock.patch

07-Initialize-head-struct.patch

08-Use-libblockfile-library.patch

09-Saved-mbox-message.patch

10-Reply-To-header.patch

11-Showname-option.patch

12-REPLYTO-can-be-set-in-.mailrc-too.patch

13-Mailx-concatenates-messages.patch

14-Truncate-mailbox-instead-of-deleting-it.patch

15-No-space-left-in-tmp.patch

16-Stdin-not-a-tty.patch

17-Intialize-tv_used.patch

18-Wait-for-sendmail.patch

19-Fix-compilation-on-Hurd.patch

20-Don-t-delete-temporary-file.patch

21-Use-wordexpr-instead-of-echo.patch

22-Replace-newlines-with-spaces.patch

24-False-cant-send-email-errors.patch

25-Fix-confusing-error.patch

80-remove_T.patch

81-minus_f.patch

82-expandaddr.patch

83-nosendmail.patch

This package was debianized by Loic Prylli <lprylli@graville.fdn.fr> on
Mon, 23 Dec 1996 00:13:13 +0100.

The package is currently maintained by Robert Luberda <robert@debian.org>

It is now based on OpenBSD in directory src/usr.bin/mail on a lot of major
ftp sites.

See the README.Debian (and changelog.Debian) for the complicated history
of the Debian package.

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LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
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```

OF
SUCH DAMAGE.
etc
usr/bin
usr/share/bsd-mailx
usr/share/man/man1
9
#!/usr/bin/make -f

include /usr/share/dpkg/architecture.mk

ifneq ($(DEB_HOST_GNU_TYPE),$(DEB_BUILD_GNU_TYPE))
export CC = $(DEB_HOST_GNU_TYPE)-gcc
else
export CC = gcc
endif

%:
dh "$@" --parallel

override_dh_auto_clean:
# Don't try to run make clean on unpatched version of Makefile
! grep -q DEBIAN Makefile || dh_auto_clean

override_dh_installchangelogs:
dh_installchangelogs -a debian/EXT/ChangeLog
bsd-mailx (8.1.2-0.20131005cvs-1ubuntu0.14.04.1) trusty-security; urgency=medium

* SECURITY UPDATE: shell command injection
- Apply OpenBSD patches from Todd Miller (taken from Debian update):
+ 80-remove_T.patch (remove undocumented/obsolete -T option)
+ 81-minus_f.patch (adjust -f processing)
+ 82-expandaddr.patch (fix CVE-2014-7844)
+ 83-nosendmail.patch (make -- work for option parsing suppression)
- CVE-2014-7844

-- Marc Deslauriers <marc.deslauriers@ubuntu.com> Mon, 05 Jan 2015 11:36:44 -0500

bsd-mailx (8.1.2-0.20131005cvs-1) unstable; urgency=low

* New upstream version from OpenBSD CVS repository.
* Remove 23-Treat-new-line-only-messages-as-empty-ones.patch, introduced
in 1:8.1.2-0.20071017cvs-1 so that bsd-mailx will behave like other mailx
implementations and will not treat messages containing a single new line
only as an empty ones (LP: #607099, reopens #355545).
* Extend description of this package to mention the fact
that bsd-mailx lacks
many features that may be found in other packages like heirloom-mailx

```

- or mailutils (closes: #508303).
- * Add 26-Fix-confusing-error.patch to make a message given when -b is used without -t less confusing (closes: #327809).
- * Fix 00-Makefile.patch not to override CC and pass CPPFLAGS while compiling.
- * debian/rules:
 - + apply patch from Ubuntu to respect DEB_HOST_GNU_TYPE when selecting CC for cross-compiling;
 - + do not try to run make clean on unpatched Makefile.
- * Bump Standards-Version to 3.9.4 (no changes).

-- Robert Luberda <robert@debian.org> Sun, 06 Oct 2013 11:58:42 +0200

bsd-mailx (8.1.2-0.20111106cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD CVS repository.
- * Drop the additional source files from EXT directory, use libbsd-dev instead. Move EXT to debian.
- * 00-Makefile: don't override CFLAGS set in environment.
- * Switch to dpkg-source 3.0 (quilt) format.
- * Use debhelper v9 and tiny debian/rules file.
- * debian/control:
 - + Build-Depends on libbsd-dev;
 - + Standards-Version: 3.9.2;
 - + use Breaks instead of versioned Conflicts;
 - + add Vcs fields;
 - + reformat the dependencies fields with `wrap-and-sort' command.
- * Include full text of BSD licence in copyright (lintian).

-- Robert Luberda <robert@debian.org> Sun, 20 Nov 2011 23:37:22 +0100

bsd-mailx (8.1.2-0.20100314cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD CVS repository.
- * Follow upstream and stop installing the outdated documentation (closes: #455708); also remove doc-base file.
- * debian/control:
 - + depend on default-mta instead of exim4 (closes: #555495);
 - + add \${misc:Depends} dependency (lintian);
 - + Standards-Version: 3.8.4 (no changes).

-- Robert Luberda <robert@debian.org> Sun, 14 Mar 2010 13:22:18 +0100

bsd-mailx (8.1.2-0.20090911cvs-2) unstable; urgency=medium

- * Fix a bogus "can't send mail: sendmail process failed" errors appearing rarely

on systems under heavy loads (closes: #550116).

Many thanks to Ivan Zahariev <famzah(at)icdsoft.com> for his investigation and patch.

-- Robert Luberda <robert@debian.org> Sat, 10 Oct 2009 11:21:11 +0200

bsd-mailx (8.1.2-0.20090911cvs-1) unstable; urgency=low

- * New upstream release from OpenBSD repository.
- * Fix grammar in description (closes: #515781).
- * Drop mailx transitional package.
- * Bump debhelper compat mode to 7.
- * Standards-Version: 3.8.3

-- Robert Luberda <robert@debian.org> Fri, 11 Sep 2009 18:14:22 +0200

bsd-mailx (8.1.2-0.20081101cvs-2) unstable; urgency=low

- * Upload to unstable.

-- Robert Luberda <robert@debian.org> Sun, 09 Nov 2008 09:00:25 +0100

bsd-mailx (8.1.2-0.20081101cvs-1) experimental; urgency=low

- * New upstream release.
- * Lower priority of mailx package to extra.
- * Standards-Version: 3.8.0 (no changes).
- * Remove duplicated `it' from description (lintian).

-- Robert Luberda <robert@debian.org> Sat, 01 Nov 2008
12:40:12 +0100

bsd-mailx (8.1.2-0.20071201cvs-3) unstable; urgency=low

- * Lower priority of mailx package to optional (see #477124).
- * copyright: Add a copyright notice (lintian).
- * Build depend on debhelper >= 6 (lintian).
- * Change doc-base section to Network/Communication (lintian).

-- Robert Luberda <robert@debian.org> Sat, 26 Apr 2008 09:52:18 +0200

bsd-mailx (8.1.2-0.20071201cvs-2) unstable; urgency=medium

- * Add conflict with old mailx packages (closes: #459621).
- * Standards-Version: 3.7.3 (no changes).
- * Fix invalid regexp in postinst.

-- Robert Luberda <robert@debian.org> Tue, 08 Jan 2008 23:01:18 +0100

bsd-mailx (8.1.2-0.20071201cvs-1) unstable; urgency=low

- * New upstream version.
- * Rename package to bsd-mailx, and create dummy mailx package for smooth upgrades.
- * Manage /usr/bin/mailx with update-alternatives to allow other packages like mailutils or nail to be installed together with bsd-mailx.
- * Remove outdated preinst script.

--

Robert Luberda <robert@debian.org> Sat, 01 Dec 2007 12:54:13 +0100

mailx (1:8.1.2-0.20071017cvs-2) unstable; urgency=low

- * collect.c: Oops, for debugging I commented out the line responsible for removing temporary, and forgot to uncomment it...

-- Robert Luberda <robert@debian.org> Fri, 19 Oct 2007 23:10:11 +0200

mailx (1:8.1.2-0.20071017cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD CVS repository.
- * send.c: treat messages which contain only a new line sign as empty messages (closes: #355545).
- * Fix `debian-rules-ignores-make-clean-error' lintian warning.
- * Bump debhelper compat mode to v6.

-- Robert Luberda <robert@debian.org> Thu, 18 Oct 2007 23:35:53 +0200

mailx (1:8.1.2-0.20070424cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD CVS repository.
- * Standards-Version: 3.7.2.
- * Lower package priority to standard to match the override file.
- * main.c: Replace with spaces any embeded newline passed in arguments

for '-s' and '-a' options (closes: #419840).

- * mail.1: Fix a typo (closes: #411420).

-- Robert Luberda <robert@debian.org> Thu, 03 May 2007 12:09:36 +0200

mailx (1:8.1.2-0.20050715cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD CVS repository:
 - + fixed segfault in list.c (closes: #313306).
- * Standard-Version: 3.6.2 (no changes).

-- Robert Luberda <robert@debian.org> Fri, 15 Jul 2005 00:28:33 +0200

mailx (1:8.1.2-0.20040524cvs-4) unstable; urgency=low

- * Fix documentation of sendmail options in the man page and in the mailx's usage output (closes: #285259).

-- Robert Luberda <robert@debian.org> Sat, 18 Dec 2004 13:58:28 +0100

mailx (1:8.1.2-0.20040524cvs-3) unstable; urgency=medium

- * fio.c: Fix segfault on wildcard expansion introduced in previous upload. Thanks to Yuri D'Elia for noticing this (see bug#148389).

-- Robert Luberda <robert@debian.org> Sat, 13 Nov 2004 22:23:14 +0100

mailx (1:8.1.2-0.20040524cvs-2) unstable; urgency=medium

- * Bugfix release (closes: #278748):
 - + fio.c: Use wordexpr() instead of calling /bin/echo not to allow executing external commands while expanding shell variables and wildcards.
 - + names.c: isfileaddr function return false if '@', '!' or '%' i characters occur anywhere (e.g not only before the slash) in the recipient name.

-- Robert Luberda <robert@debian.org> Wed, 3 Nov 2004 20:46:39 +0100

mailx (1:8.1.2-0.20040524cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD CVS repository.
- * debian/control: add exim4 alternative to mail-transport-agent dependency (closes: #248498).
- * USD.doc/mail*.nr: changed references from /usr/lib/Mail.rc to /etc/mail.rc.
- * USD.doc/Makefile, debian/rules: generate and install manual.txt (like in the upstream version).
- * Removed lintian override file, it's no longer needed.
- * Add lintian source overrides for `cvsignore-file-in-source' and `source-contains-CVS-dir'.

--

Robert Luberda <robert@debian.org> Mon, 24 May 2004 23:03:47 +0200

mailx (1:8.1.2-0.20031014cvs-2) unstable; urgency=medium

- * edit.c: if the external editor (called by ~e or ~v commands) fails for some reason, don't delete the temporary file if it has been modified.

This partly fixes bug#148037.

- * popen.c: print exit code of failed commands.
- * quit.c: change message saying that mailbox was "removed" to "truncated" (closes: #196682); mailx does not remove mailboxes, see the entry for 1:8.1.2-0.20020316cvs-2 in this changelog for the reason.

-- Robert Luberda <robert@debian.org> Wed, 31 Mar 2004 23:42:19 +0200

mailx (1:8.1.2-0.20031014cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD.
- * Fix problem with building on Hurd (closes: #213929).
- * mail.1: removed reference to non-existent lockspool man page.
- * Standards-Version: 3.6.1 (no changes).

-- Robert Luberda <robert@debian.org> Tue, 14 Oct 2003 20:48:51 +0200

mailx (1:8.1.2-0.20030521cvs-1) unstable; urgency=low

- * New upstream version from OpenBSD.
- * Added EXT/vis.[ch] files, needed for compiling this version.
- * Minor fix in Makefile (closes: #181022).
- * debian/control: Remove ending dot from synopsis line (lintian).
- * Standards-Version: 3.5.10 (no changes).

-- Robert Luberda <robert@debian.org> Thu, 22 May 2003 21:12:21 +0200

mailx (1:8.1.2-0.20020411cvs-5) unstable; urgency=low

- * cmd1.c: Check if return value of screensize() > 0 (closes: #170784).
- * Support DEB_BUILD_OPTIONS=noopt instead of debug.
- * Build with debhelper v4.
- * Standards-Version: 3.5.8.

-- Robert Luberda <robert@debian.org> Sat, 7 Dec 2002 11:42:34 +0100

mailx (1:8.1.2-0.20020411cvs-4) unstable; urgency=low

- * send.c: Always wait for a sendmail process, check its exit code and if non-zero, print a warning message to user and save original message to ~/dead.letter (closes: #145379).
- * popen.c: Make wait_child() return an exit code of the child.
- * mail.1:
s/^\.ne li\$/ne/g to fix groff warnings.

-- Robert Luberda <robert@debian.org> Sat, 24 Aug 2002 22:15:23 +0200

mailx (1:8.1.2-0.20020411cvs-3) unstable; urgency=low

* aux.c: in function alter() do initialize tv_usec part of the timeval structure used to set modification time on the mailbox file (closes: #152038).

Thanks to John Girash for help.

-- Robert Luberda <robert@debian.org> Thu, 11 Jul 2002 05:21:34 +0200

mailx (1:8.1.2-0.20020411cvs-2) unstable; urgency=low

* collect.c: return from grabh() if stdin is not a terminal. This fixes the '-I' option (closes: #149005).

-- Robert Luberda <robert@debian.org> Tue, 18 Jun 2002 22:55:27 +0200

mailx (1:8.1.2-0.20020411cvs-1) unstable; urgency=high

* New upstream CVS snapshot, with only one change, which fixes potential security problem:

+ collect.c:

Don't do tilde escapes unless we are in interactive mode. Now the behavior matches the man page...

* Many thanks to Michal

Pajak for pointing out the problem.

-- Robert Luberda <robert@debian.org> Thu, 11 Apr 2002 19:07:59 +0200

mailx (1:8.1.2-0.20020316cvs-3) unstable; urgency=low

* fio.c: fixed previous patch (closes: #140527,#140485).

-- Robert Luberda <robert@debian.org> Tue, 2 Apr 2002 07:14:58 +0200

mailx (1:8.1.2-0.20020316cvs-2) unstable; urgency=low

* fio.c: Don't delete mailbox file, always truncate it, because liblockfile fails to remove the lock file if mailbox doesn't exist (closes: #111537).

-- Robert Luberda <robert@debian.org> Wed, 27 Mar 2002 09:20:08 +0100

mailx (1:8.1.2-0.20020316cvs-1) unstable; urgency=low

* Applied patches from Arnaud Giersch <arnaud.giersch@free.fr> which fix outstanding problems:

+ closes: #37104: Bug in all mailx* (tested: <=mailx_8.1.1-10).

+ closes: #71759: mailx concatenates messages.

MANY THANKS FOR YOUR HELP, Arnaud!

- * New upstream version from OpenBSD CVS repository:
 - + closes: #34752: mail causes segmentation fault when pushing Ctrl+C.
- * This version uses strlcpy&strlcat functions, appropriate files were included in Debian patch.
- * Added upstream changelog file, generated by hand from CVS logs using `cvs2cl --no-wrap -S'.
- * Makefile: added -p option to install (preserve timestamps of installed files).

-- Robert Luberda <robert@debian.org> Tue, 26 Mar 2002 05:47:53 +0100

mailx (1:8.1.2-0.20010922cvs-3) unstable; urgency=low

- * debian/copyright: text of BSD license can be found in common-licences, so do not include it here...

-- Robert Luberda <robert@debian.org> Fri, 4 Jan 2002 08:13:30 +0100

mailx (1:8.1.2-0.20010922cvs-2) unstable; urgency=low

- * debian/copyright: removed 3th paragraph from the text of BSD license as suggested by Branden Robinson (closes: #123828).
- * Upgraded standards version to 3.5.6 (no changes needed).

-- Robert Luberda <robert@debian.org> Sat, 22 Dec 2001 21:56:31 +0100

mailx (1:8.1.2-0.20010922cvs-1) unstable; urgency=low

- * New version from OpenBSD cvs repository:
 - + aux.c: In skin(), only add a space after a comma if there is actually a space in the input buffer. This prevents a rare buffer overflow on very long header lines... (closes: #108677). See #108677 for more info.
 - + aux.c: In skin() don't die if realloc() fails since its only purpose is to shrink the buffer, not expand it.

- * No other changes was made, so I think this version should go to woody as well.

-- Robert Luberda <robert@debian.org> Sun, 23 Sep 2001 21:42:22 +0200

mailx (1:8.1.2-0.20010705cvs-2) unstable; urgency=low

- * Removed exim from exim|mail-transport-agent dependency (closes: #106122).
- * Added a lintian override file for virtual-package-without-real-package-dependency warning.

* Fix spelling in description of the package (closes: #106449).

-- Robert Luberda <robert@debian.org> Wed, 8 Aug 2001 23:31:21 +0200

mailx (1:8.1.2-0.20010705cvs-1) unstable; urgency=low

* New version

from OpenBSD cvs.

* Updated copyright and README.Debian files.

* Removed IOSAFE patch - it wasn't used.

* REPLYTO can be set in ~/.mailrc too.

-- Robert Luberda <robert@debian.org> Thu, 12 Jul 2001 18:58:01 +0200

mailx (1:8.1.2-0.20010319cvs-4) unstable; urgency=low

* Applied patch from Tormod Volden <volden@iqe.phys.ethz.ch>, which adds "showname" option to mailx (closes: #96867).

* v7.local.c: Removed /var/spool/mail hack added by Paul in 1:8.1.1-10.1.1

* quit.c: Use lockf instead if flock.

* quit.c: Add missing newline in `Saved ...' message.

* Added doc-base support.

* Added versioned dependency on base-files, as suggested in upgrading-checklist for Debian Policy 3.5.4.

* Standards-Version: 3.5.5

-- Robert Luberda <robert@debian.org> Tue, 12 Jun 2001 23:43:10 +0200

mailx (1:8.1.2-0.20010319cvs-3) unstable; urgency=low

* Applied some patches from FreeBSD:

+ Add Reply-To header if REPLYTO environment variable is set.

+ Add In-Reply-To

header for replies (closes: #23115).

* When saving messages to mbox, print its real filename (closes: #68920).

Thanks to Tollef Fog Heen for patch.

* /etc/mail.rc: Add Delivered-To to list of ignored headers.

-- Robert Luberda <robert@debian.org> Wed, 4 Apr 2001 00:20:57 +0200

mailx (1:8.1.2-0.20010319cvs-2) unstable; urgency=low

* Don't ask about (B)Cc: header twice (closes: #90822).

-- Robert Luberda <robert@debian.org> Fri, 23 Mar 2001 23:47:43 +0100

mailx (1:8.1.2-0.20010319cvs-1) unstable; urgency=medium

- * New maintainer (closes: #90146).
- * New upstream version from OpenBSD CVS repository.
- * Security fix: don't install mailx binary setgid mail.
Now the libblockfile library is used for mailbox locking.
- * cmd3.c: Initialize head variable with NULLs. This should fix problem with garbage text when replying (closes: #84166).
- * Add conflicts with older suidmanager.
- * Helpfiles moved to /usr/share/mailx.
- * Added support for DEB_BUILD_OPTIONS=debug,nostrip.
- * Updated Standards-Version: 3.5.2
- * Switch to debhelper v3.
- * Updated Build-Depends field.
- * Closing bugs fixed in NMUs (closes: #23901, #64238, #68725, #68745).

-- Robert Luberda <robert@debian.org> Thu, 22 Mar 2001 08:05:56 +0100

mailx (1:8.1.1-10.3) unstable; urgency=low

- * debian/rules: added install dependancy to binary-arch (Closes: Bug#83361).

-- Edward Betts <edward@debian.org> Sun, 28 Jan 2001 14:40:05 -0700

mailx (1:8.1.1-10.2) unstable; urgency=low

- * debian/control: Standards-Version updated.
- * debian/control: Build-Depends added.
- * debian/control: Depends line fixed (Closes: Bug#41909).
- * debian/rules: rewritten, still uses debhelper.
- * Makefile: man pages moved to /usr/share/man (Closes: Bug#80758).
- * applied patch from Martin Schulze (Closes: Bug#23356, Bug#13756).
- * applied patch from Ulf Jaenicke-Roessler <ujr@physik.phy.tu-dresden.de> (Closes: Bug#26757, Bug#40424).
- * misc/mail.help, USD.doc/mail[1568].nr: changed references from
/usr/spool/mail to /var/mail (Closes: Bug#41910).
- * send.c: Comment out bcc code (Closes: Bug#75232).
- * pathnames.h: Change default shell from /bin/csh to /bin/sh.
- * pathnames.h: Change default pager from /bin/more to
/usr/bin/pager (Closes: Bug#41228).
- * pathnames.h: Change default editor from /bin/ex to /usr/bin/editor (Closes: Bug#66385).
- * debian/rules: stop using dh_suidregister

-- Edward Betts <edward@debian.org> Sun, 14 Jan 2001 12:36:16 -0700

mailx (1:8.1.1-10.1.3) frozen unstable; urgency=high

- * Fix the security fix: only accept a couple environment variables

instead of blindly using them all

-- Wichert Akkerman <wakkerma@debian.org> Tue, 8 Aug 2000 11:42:02 -0700

mailx (1:8.1.1-10.1.2) frozen unstable; urgency=high

* Another security problem: refuse to get the interactive variable from the environment by explicitly setting it in the hashtable.

-- Wichert Akkerman <wakkerma@debian.org> Mon, 7 Aug 2000 12:36:10 -0700

mailx (1:8.1.1-10.1.1) frozen unstable; urgency=high

* NMU to fix RC bug. Now accepts both /var/mail and /var/spool/mail as allowed places for setgid file manipulation. fixes:#64238

-- Paul Sloomman <paul@debian.org> Thu, 8 Jun 2000 19:51:14 +0200

mailx (1:8.1.1-10.1) stable frozen unstable; urgency=high

* Security fix for a GID=mail shell.

-- Daniel Jacobowitz <dan@debian.org> Sun, 4 Jun 2000 22:45:19 -0700

mailx (1:8.1.1-10) frozen unstable; urgency=high

* correct major security flaw, patch from Alvaro Martinez Echevarria <alvaro@lander.es>, bug#23880, bug#23901

* other potential buffer overflow, patch from Juan-Mariano de Goyeneche <jmseyas@selva.dit.upm.es>, bug #22937

-- Loic Prylli <Loic.Prylli@graville.fdn.fr> Sun, 28 Jun 1998 20:15:18 -0400

mailx (1:8.1.1-9) frozen unstable; urgency=high

* recompile without the signal handling workarounds (lo that eliminate critical bugs where message parts can be lost (#20798) and (#20558)

-- Loic Prylli <lprylli@graville.fdn.fr> Thu, 9 Apr 1998 02:11:26 +0200

mailx (1:8.1.1-8) frozen unstable; urgency=high

* previous patch broke most file accesses, corrected safe_open (#20634)

* try to check every access to Fopen, change "a" into "w" for new files,

to suit behaviour of safe_open.

-- Loic Prylli <lprylli@graville.fdn.fr> Sat, 4 Apr 1998 22:01:19 +0200

mailx (1:8.1.1-7) frozen; urgency=medium

- * security fix for tmp races patch from Martin Schulze (#20059)

-- Loic Prylli <lprylli@graville.fdn.fr> Mon, 23 Mar 1998 22:52:35 +0100

mailx (1:8.1.1-6) unstable; urgency=low

- * convert to debhelper
- * changelog now compressed (bug#15431)
- * removed .orig and .rej from source (bug#18409)

-- Loic Prylli <lprylli@graville.fdn.fr> Sat, 14 Feb 1998 14:34:22 +0100

mailx (1:8.1.1-5) unstable; urgency=low

- * apply David Brown patch so mailx choose the right window size (#12197)
- * correct Depends: in control file.

-- Loic Prylli <lprylli@graville.fdn.fr>
Sat, 15 Nov 1997 00:30:38 +0100

mailx (1:8.1.1-4) unstable; urgency=high

- * mailx was sending empty message, ignoring user input
add clearerr when EAGAIN occur in "IOSAFE" code (#14263)

-- Loic Prylli <lprylli@graville.fdn.fr> Tue, 11 Nov 1997 20:22:35 +0100

mailx (1:8.1.1-3.1) unstable; urgency=low

- * Non-maintainer release.
- * Libc6 compile. (#11705)
- * Install missing symlink to manpage. (#7274)

-- Martin Mitchell <martin@debian.org> Wed, 29 Oct 1997 04:34:39 +1100

mailx (1:8.1.1-3) unstable; urgency=low

- * add dpkg --assert-working-epoch in preinst bug#6850
- * add writing of pid in mailbox locking file
- * fix:mailx was not removing temporary lock files

-- Loic Prylli <lprylli@gravelle.fdn.fr> Sat, 1 Feb 1997 11:44:04 +0100

mailx (1:8.1.1-2) unstable; urgency=low

- * correct bug #2733 (occur when no space left) dans quit.c
- * detection of From_ lines with tring to match the date bug#2010
- * corrected garble output bug #2284

-- Loic

Prylli <lprylli@gravelle.fdn.fr> Sat, 28 Dec 1996 15:02:22 +0100

mailx (1:8.1.1-1) unstable; urgency=medium

- * recreate completely starting from OpenBSD mail version (we loose a lot of extension but we have a working program now)
- * OpenBSD base version is the last one in december 96
- * rechange the numbering of version, so epoch 1+8.1 is from 4.4BSD, the last upstream digit is to change each time we update to a new openbsd version.
- * fix the problem of longjmp inside signals inside stdio calls
- * reincorporate a patch to be dot file locking+setgid safe
- * some fix in signal handling

-- Loic Prylli <lprylli@gravelle.fdn.fr> Mon, 23 Dec 1996 01:57:44 +0100

Mon Apr 29 17:21:42 1996 Sven Rudolph <sr1@inf.tu-dresden.de>

- * releasing 8.5.5-1
- * added symlink /usr/bin/Mail -> /usr/bin/mailx

Thu Apr 25 23:55:36 1996 Sven Rudolph <sr1@inf.tu-dresden.de>

- * set version number to 8.5.5 because it has to supersede 8.1
- * switched back to mailx-5.5-kw (see mailx-5.5-kw.diff.README)
- * no POP support

mailx 8.1 Debian 5 - 10/19/95 Sven Rudolph <sr1@inf.tu-dresden.de>

- * uses now BSD signal emulation (/usr/include/bsd/signal.h)
- * added virtual package names in Depends: and Provides fields (Bug#1460)
- * added Section: field
- * created symlink for mailx manpage (Bug#1114)

mailx 8.1 Debian 4 - 5/20/95 Carl Streeter <streeter@cae.wisc.edu>

- * Added diffs from Delman Lee <delman@mipg.upenn.edu>:

Hi! I got mailx-8.1-3 from the Linux Debian distribution, and have added a "hold-pop" option to hold messages on the POP server after retrieving them. (Also fixed a minor bug with mailx thinking that there is mail even if the POP mailbox is empty. Code around stat() below.)

mailx 8.1 Debian 3 - 4/18/95 Carl Streeter <streeter@cae.wisc.edu>

* Fixed control file to depend on smail|sendmail. Updated to latest guidelines

bsd-mailx source: source-contains-cvs-control-dir

Source: bsd-mailx

Section: mail

Priority: standard

Maintainer: Ubuntu Developers <ubuntu-devel-discuss@lists.ubuntu.com>

XSBC-Original-Maintainer: Robert Luberda <robert@debian.org>

Standards-Version: 3.9.4

Build-Depends: debhelper (>= 9),

groff,

libbsd-dev (>= 0.3),

libblockfile-dev (>= 1.05)

Vcs-Git: git://anonscm.debian.org/users/robert/bsd-mailx.git

Vcs-Browser: http://anonscm.debian.org/gitweb/?p=users/robert/bsd-mailx.git

Package: bsd-mailx

Architecture: any

Depends: base-files (>= 2.2.0),

default-mta | mail-transport-agent,

\${misc:Depends},

\${shlibs:Depends}

Provides: mail-reader, mailx

Breaks: mailutils (< 1:1.1+dfsg1-4), mailx (< 1:20071201)

Replaces: mailx (< 1:20071201)

Description: simple mail user agent

bsd-mailx is the traditional simple command-line-mode mail user agent.

Even if you don't use it, it may be required by other programs.

.

The /usr/bin/mail command provided by this package is a very simple one,

and does not include many features that can be found in more advanced mail user agents.

.

For example bsd-mailx DOES NOT support:

- MIME (i.e. no attachments, no UTF-8 or other charsets support);
- SMTP protocol (/usr/sbin/sendmail interface only is used);
- POP3/IMAP (bsd-mailx reads local mailboxes only);
- maildir format (traditional mbox only format is supported).

.

If the above features are needed, please consider installing another package

providing similar /usr/bin/mail interface:

- heirloom-mailx package,
- or mailutils package.

1.20 rrdtool 1.7.0

1.20.1 Available under license :

\$Id\$

I would like to thank to following people for helping to bring RRDtool into existence.

Alan Lichty <alan_lichty with eli.net>

Alan Milligan <alan.milligan@last-bastion.net> Python bindings

Alex van den Bogaerdt <alex with ergens.op.het.net> (rrd_resize.c and more)

Amos Shapira <amos with gezernet.co.il>

Andreas Kroomaa <andre with ml.ee>

Andrew Turner <turner with mint.net> (LAST consolidator)

Aaron Gallagher <_ with habnab.it> MEDIAN operator

Benny Baumann <benbe with geshi.org> rrd_dump with callback support

Bernard Fischer <bfischer with syslog.ch> 64bit stuff, --alt-autoscale-max

Bernhard Fischer <rep dot dot dot nop with gmail.com> MMAP rewrite

Bill Fenner <fenner with research.att.com>

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Bruce Campbell <bruce.campbell with apnic.net>

Chin-A-Young <china with thewrittenword.com>

Christophe VG <Christophe.VanGinneken with ubizen.com>

Christophe Van Ginneken <Christophe.VanGinneken with ubizen.com> (--no-legend)

Dan Dunn <dandunn with computer.org>

Daniel

Pocock <daniel in pocock.com.au> rrd_create to mmap port

Dave Bodensstab <dave@bodensstab.org> AT style time in update, tclfixes

David Grimes <dgrimes with navisite.com> SQRT/SORT/REV/SHIFT/TREND

David L. Barker <dave with ncomtech.com> xport function bug fixes

Evan Miller <emiller with imvu.com> Multiplicative HW Enhancements

Frank Strauss <strauss with escape.de> TCL bindings

Florian octo Forster <rrdtool nospam.verplant.org> rrd_restore libxml2 rewrite, deprecated function export, rrdcached

Fidelis Assis <fidelis pobox.com> lua bindings

Henrik Storner <henrik with hsw.n.dk> functions for min/max values of data in graph

Hermann Hueni <hueni with glue.ch> (SunOS porting)

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Jeff R. Allen <jeff.allen with acm.org> (autoconfigure, portability)

Jeremy Fischer <jeremy with pobox.com> (Makefile changes & RPM builds)

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Joel Becker <jlbec with raleigh.ibm.com> AIX

Joey Miller <joeym with inficad.com> php3 and php4 bindings

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Kevin Brintnall <kbrint with rufus.net> bugfixes in and additions to rrdcached, including journaling support
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Mark Plaksin <happy@usg.edu> rrd_graph_v
Matt Chambers <matthew.chambers with vanderbilt.edu> --full-size-mode for rrdgraph
Melchior Rabe <rrdtool at mrab.de> -- legend position patch
McCreary mcreary with xoanon.colorado.edu
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Mike Slifcak <slif with bellsouth.net> many rrdtool-1.1.x fixes
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Pablo Sanchez <pablo at blueoakdb.com> (CDEF vs VDEF)
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Paul Joslin <Paul.Joslin with sdrc.com>
Peter Speck <speck with vitality.dk> eps/svg/pdf file format code in rrdtool-1.x
Peter Stamfest <peter with stamfest.at> initial multi-thread support
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Services (www.dns-net.de) <http://rrdtool.org>
Hedley Simons <heds@metahusky.net>
Nicola Worthington <nicolaw@cpan.org>
Wegmann, Christof <Christof.Wegmann@exitgames.com> 1.3/trunk win32 port

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Version 2.1, February 1999

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=====

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The original version for gzip was written by Paul Eggert.

Modified for XZ Utils by Andrew Dudman and Lasse Collin.

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1.22 libidn 1.35

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1.26 dosfs-tools 4.1

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The

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

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```
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1.27 pythondialog 3.5.1

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Version 2.1, February 1999

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Sphinx AUTHORS file

=====

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<armin.ronacher@active-4.com>.

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- * Andi Albrecht -- agogo theme
- * Henrique Bastos -- SVG support for graphviz extension
- * Daniel Bltman -- todo extension
- * Etienne
Desautels -- apidoc module
- * Michael Droettboom -- inheritance_diagram extension
- * Charles Duffy -- original graphviz extension
- * Kevin Dunn -- MathJax extension
- * Josip Dzlonga -- coverage builder

- * Hernan Grecco -- search improvements
- * Horst Gutmann -- internationalization support
- * Martin Hans -- autodoc improvements
- * Doug Hellmann -- graphviz improvements
- * Dave Kuhlman -- original LaTeX writer
- * Blaise Laflamme -- pyramid theme
- * Thomas Lamb -- linkcheck builder
- * ukasz Langa -- partial support for autodoc
- * Robert Lehmann -- gettext builder (GSOC project)
- * Dan MacKinlay -- metadata fixes
- * Martin Mahner -- nature theme
- * Will Maier -- directory HTML builder
- * Jacob Mason -- websupport library (GSOC project)
- * Roland Meister -- epub builder
- * Ezio Melotti -- collapsible sidebar JavaScript
- * Daniel Neuhuser -- JavaScript domain, Python 3 support (GSOC)
- * Christopher Perkins -- autosummary integration
- * Benjamin Peterson -- unittests
- * T. Powers -- HTML output improvements
- *
- Stefan Seefeld -- toctree improvements
- * Shibukawa Yoshiki -- pluggable search API and Japanese search
- * Antonio Valentino -- qthelp builder
- * Pauli Virtanen -- autodoc improvements, autosummary extension
- * Stefan van der Walt -- autosummary extension
- * Thomas Waldmann -- apidoc module fixes
- * John Waltman -- Texinfo builder
- * Barry Warsaw -- setup command improvements
- * Sebastian Wiesner -- image handling, distutils support
- * Joel Wurtz -- cellspanning support in LaTeX

Many thanks for all contributions!

There are also a few modules or functions incorporated from other authors and projects:

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Local Variables:

coding: utf-8

fill-column: 70

End:

1.28 free-type 2.10.1

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#

.gitignore

#

builds/unix/pkg.m4

#

docs/FTL.TXT

```
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
```


src/tools/ftrandom/ftandom.c

#

#

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

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1.31 python3-asn1crypto 1.3.0

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1.32 busybox 1.31.1

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1.33 dhcp 4.4.2

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

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

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

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

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

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

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

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

  <xsl:variable name="isc.copyright.text">
    <xsl:text>
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      License, v. 2.0. If a copy of the MPL was not distributed with this
      file, You can obtain one at http://mozilla.org/MPL/2.0/.
    </xsl:text>
  </xsl:variable>

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

```

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

```

<!--

- Local variables:
- mode: sgml
- End:

-->

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- 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.

^L

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.

^L

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.

^L

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

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

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

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^L

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

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

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

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

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

That's all there is to it!

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

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

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

Attachments: Message as HTML

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

Re: [Cracklib-devel] cracklib license

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

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

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

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

UMR Information Technology Fax: (573) 341-4216

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

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

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

> Mike Frysinger

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

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

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

> libraries under

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

> -mike

Re: [Cracklib-devel] cracklib license

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

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan

wrote:

> I understand that, and you're welcome to bring it up with Alec directly

> and see if he wants to relicense his code as LGPL... but at this point,

> it was enough to just get it consistent and documented as to what it was

> released under. This wasn't actually a license change, just a

> clarification of the licensing that was already in place.

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

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

Re: [Cracklib-devel]
cracklib license

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

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
> directly
> > and see if he wants to relicense his code as LGPL... but at this
> point,
> > it was enough to just get it consistent and documented as to what
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> > released under. This wasn't actually a license change, just a
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> license
> change until it was mentioned in the latest notes.
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> 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.umn.edu ([131.151.0.192]) by UMR-CMAIL1.umn.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.umn.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.umn.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 l91Gxtp020623
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
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

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

Happy now? :-)

-a

1.35 sqlite 3.31.1

1.35.1 Available under license :

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<https://en.wikipedia.org/wiki/SQLite>

1.36 libunistring 0.9.10

1.36.1 Available under license :

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@end display

@enumerate 0

@item

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1.37 libyaml 0.2.2

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1.38 cffi 1.14.0

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1.39 bridgeutils 1.6

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1.40 psycopg 2.8.4

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1.44 ncurses 6.2

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tium.

Files: progs/tset.c ncurses/tinfo/read_termcap.c

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1.49 elfutils 0.178

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1.50 libevent 2.1.11

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1.51 cpio 2.13

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1.63 sed 4.8

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The

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a

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1.65 rng-tools 6.9

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1.66 prometheus-client 1.3.0

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1.67 tcp-wrappers 7.6

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1.72 gopsutil 2.20.4

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will
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1.81 cryptsetup 2.3.4

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Version 3, 29 June 2007

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Version 3, 29 June 2007

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1.86 libxext 1.3.4

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1.87 robfig-cron v3.0.1

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1.92 bcrypt 3.1.7

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1.93 idna 2.8

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* /kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst

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A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```

exec(open('idna/package_data.py').read(), package_data)

arguments = {
    'name': 'idna',
    'packages': ['idna'],
    'version': package_data['__version__'],
    'description': 'Internationalized Domain Names in Applications (IDNA)',
    'long_description': io.open("README.rst", encoding="UTF-8").read(),
    'author': 'Kim Davies',
    'author_email': 'kim@cynosure.com.au',
    'license': 'BSD-like',
    'url': 'https://github.com/kjd/idna',
    'classifiers': [
        'Development Status :: 5 - Production/Stable',
        'Intended Audience :: Developers',
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        'License :: OSI Approved :: BSD License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
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        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
    ],
    'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
    'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

Found in path(s):
* /kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

```

1.94 netaddr 0.7.19

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1.95 appdirs 1.4.4

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1.96 pyserial 3.4

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1.97 pyhamcrest 1.9.0

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1.98 psutil 5.7.0

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1.99 golang-protobuf-extensions v1.0.1

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1.100 libfastjson 0.99.8

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1.104 libidn 2.3.0

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1.107 msgp 1.1.2

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1.108 acl 2.2.53

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1.109 cronie 1.5.5

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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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1.114 golang-snappy 0.0.2-20201103-674baa8c7fc30da5df3074a45

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1.115 libcap-ng 0.7.10

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1.121 libpciaccess 0.16

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1.122 iconv 2.31

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

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

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This option is useful when you wish to copy part of the code of the

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

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

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

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

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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<signature of Ty Coon>, 1 April 1990
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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The

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

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section 10

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- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
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1.126 libestr 0.1.11

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*/

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1.130 grub 2.04

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1.131 x-net 0.0.0-20200520-0ba52f642ac2f9371a88bfdde

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1.132 libxml 2.9.10

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1.133 e2fsprogs 1.45.7

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

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD_LIB = \$(BSDLIB_IMAGE).so.\$(BSDLIB_VERSION)

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD_LIB) \$(LDFLAGS_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD_LIB) .

\$(RM) -f ../\$(BSD_LIB)

(cd ..; \$(LN) \$(LINK_BUILD_FLAGS) \

`echo \$(my\_dir) | sed -e 's;lib/;;'`/\$(BSD_LIB) \$(BSD_LIB))

install-shlibs install:: \$(BSD_LIB)

@echo " INSTALL_PROGRAM \$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)"

@\$(INSTALL_PROGRAM) \$(BSD_LIB) \

\$(DESTDIR)\$\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

@-\$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$\$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)

clean::

\$(RM)

-rf pic

\$(RM) -f \$(BSD_LIB)

\$(RM) -f ../\$(BSD_LIB)

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

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

*/

/*

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

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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```
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```

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```
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Version 2.1, February 1999

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1.140 zope-interface 4.7.1

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1.141 wewidth 0.1.8

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1.142 x-text 0.3.6

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1.143 bitset v1.1.11

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1.144 opentracing-go v1.2.0

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1.145 d-bus 1.12.20

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1.146 python-certifi 2019.11.28

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.147 msgpack 1.0.2

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1.148 python-pip 21.1.1

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A. HISTORY OF THE SOFTWARE

=====

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

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

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

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes

2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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A. HISTORY OF THE SOFTWARE

=====

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

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

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

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0.9.0 thru 1.2		1991-1995	CWI	yes
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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes

2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
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2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.#

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1.149 python-requests 2.25.1

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1.150 ply 3.11

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PLY (Python Lex-Yacc)

Version 3.11

[![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)](https://travis-ci.org/dabeaz/ply)

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Introduction

=====

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.
- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.
- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.
- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use

=====

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements

=====

PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources

=====

More information about PLY can be obtained on the PLY webpage at:

<http://www.dabeaz.com/ply>

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

<https://github.com/dabeaz/ply>

An old and relatively inactive discussion group for PLY is found at:

<http://groups.google.com/group/ply-hack>

Acknowledgments

=====

A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0

=====

PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3--it is not necessary and may in fact break the implementation.

Example

=====

Here is a simple example showing a PLY implementation of a calculator with variables.

```

# calc.py
#
# A simple calculator with variables.
# -----

tokens = (
    'NAME','NUMBER',
    'PLUS','MINUS','TIMES','DIVIDE','EQUALS',
    'LPAREN','RPAREN',
    )

# Tokens

t_PLUS = r\+'
t_MINUS = r\-'
t_TIMES = r\*
t_DIVIDE = r\/
t_EQUALS = r\='
t_LPAREN = r\(
t_RPAREN = r\)
t_NAME = r'[a-zA-Z_][a-zA-Z0-9_]*'

def t_NUMBER(t):
    r\d+
    t.value = int(t.value)
    return t

# Ignored characters
t_ignore = " \t"

def t_newline(t):
    r\n+
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence
rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),

```

```

)

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    '''expression : expression PLUS expression
                  | expression MINUS expression
                  | expression TIMES expression
                  | expression DIVIDE expression'''
    if p[2] == '+': p[0] = p[1] + p[3]
    elif p[2] == '-': p[0] = p[1] - p[3]
    elif p[2] == '*': p[0] = p[1] * p[3]
    elif p[2] == '/': p[0] = p[1] / p[3]

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN
expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc

```

```
yacc.yacc()
```

```
while True:
```

```
    try:
```

```
        s = raw_input('calc > ') # use input() on Python 3
```

```
    except EOFError:
```

```
        break
```

```
    yacc.parse(s)
```

Bug Reports and Patches

=====

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page

at <https://github.com/dabeaz/ply> to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

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1.151 pexpect 4.8.0

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1.154 tornado 6.0.3

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1.156 urllib3 1.26.5

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Contributions to the urllib3 project

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* Andrey Petrov <andrey.petrov@shazow.net>

Contributors

In chronological order:

* victor.vde <<http://code.google.com/u/victor.vde/>>

* HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

* NTLM-authenticated HTTPSConnectionPool

* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>

* Client-verified SSL certificates for HTTPSConnectionPool

* Response gzip and deflate encoding support

* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>

* Non-multipart encoding for POST requests

* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>

* Bugfixes, suggestions, Requests integration

* georgemarshall <<https://github.com/georgemarshall>>

* Bugfixes, Improvements and Test

coverage

* Thomas Kluyver <thomas@kluyver.me.uk>

* Python 3 support

* brandon-rhodes <<http://rhodesmill.org/brandon>>

* Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>

* IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>

* Support for explicitly closing pooled connections

- * hartator <hartator@gmail.com>
- * Corrected multipart behavior for params

- * Thomas Weischuh <thomas@t-8ch.de>
- * Support for TLS SNI
- * API unification of ssl_version/cert_reqs
- * SSL fingerprint and alternative hostname verification
- * Bugfixes in testsuite

- * Sune Kirkeby <mig@ibofobi.dk>
- * Optional SNI-support for Python 2 via PyOpenSSL.

- * Marc Schlaich <marc.schlaich@gmail.com>
- * Various bugfixes and test improvements.

- * Bryce Boe <bbzbryce@gmail.com>
- * Correct six.moves conflict
- * Fixed pickle support of some exceptions

- * Boris Figovsky <boris.figovsky@ravellosystems.com>
- * Allowed to skip SSL hostname verification

- * Cory Benfield
- <<https://lukasa.co.uk/about/>>
- * Stream method for Response objects.
- * Return native strings in header values.
- * Generate 'Host' header when using proxies.

- * Jason Robinson <jaywink@basshero.org>
- * Add missing WrappedSocket.fileno method in PyOpenSSL

- * Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
- * Fixed a race condition

- * Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
- * Added HTTPS (CONNECT) proxy support

- * Stephen Holsapple <sholsapp@gmail.com>
- * Added abstraction for granular control of request fields

- * Martin von Gagern <Martin.vGagern@gmx.net>
- * Support for non-ASCII header parameters

- * Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- * Support for separate connect and request timeouts

- * Peter Waller <p@pwaller.net>

- * `HTTPResponse.tell()` for determining amount received over the wire
- * Nipunn Koorapati <nipunn1313@gmail.com>
- * Ignore default ports when comparing hosts for equality
- * Danilo @dbrgn <https://dbrgn.ch/>
- * Disabled TLS compression by default on Python 3.2+
- * Disabled TLS compression in `pyopenssl` contrib module
- * Configurable cipher suites in `pyopenssl` contrib module
- * Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- * Account retries on proxy errors
- * Nicolas Delaby <nicolas.delaby@ezeep.com>
- * Use the platform-specific CA certificate locations
- * Josh Schneier <https://github.com/jschneier>
- * `HTTPHeaderDict` and associated tests and docs
- * Bugfixes, docs, test coverage
- * Tahia Khan <http://tahia.tk/>
- * Added Timeout examples in docs
- * Arthur Grunseid <https://grunseid.com>
- * `source_address` support and tests (with <https://github.com/bui>)
- * Ian Cordasco <graffatcolmingov@gmail.com>
- * PEP8 Compliance and Linting
- * Add ability to pass socket options to an HTTP Connection
- * Erik Tollerud <erik.tollerud@gmail.com>
- * Support for standard library `io` module.
- * Krishna Prasad <kprasad.iitd@gmail.com>
- * Google App Engine documentation
- * Aaron Meurer
<asmeurer@gmail.com>
- * Added `Url.url`, which unparses a `Url`
- * Evgeny Kapun <abacabadabacaba@gmail.com>
- * Bugfixes
- * Benjamin Meyer <bm_witness@yahoo.com>
- * Security Warning Documentation update for proper capture
- * Shivan Sornarajah <github@sornars.com>
- * Support for using `ConnectionPool` and `PoolManager` as context managers.

- * Alex Gaynor <alex.gaynor@gmail.com>
- * Updates to the default SSL configuration

- * Tomas Tomecek <ttomecek@redhat.com>
- * Implemented generator for getting chunks from chunked responses.

- * tlynn <https://github.com/tlynn>
- * Respect the warning preferences at import.

- * David D. Riddle <ddriddle@illinois.edu>
- * IPv6 bugfixes in testsuite

- * Thea Flowers <magicalgirl@google.com>
- * App Engine environment tests.
- * Documentation re-write.

- * John Krauss <https://github.com/talos>
- * Clues to debugging problems with `cryptography` dependency in docs

- * Disassem <https://github.com/Disassem>
- * Fix pool-default headers not applying for url-encoded requests like GET.

- * James Atherfold <jlatherfold@hotmail.com>
- * Bugfixes relating to cleanup of connections during errors.

- * Christian Pedersen <https://github.com/chripede>
- * IPv6 HTTPS proxy bugfix

- * Jordan Moldow <https://github.com/jmoldow>
- * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
- * Bugfix for ``ConnectionPool.urlopen(release\_conn=False)``.
- * Creation of ``HTTPConnectionPool.ResponseCls``.

- * Predrag Gruevski <https://github.com/obi1kenobi>
- * Made cert digest comparison use a constant-time algorithm.

- * Adam Talsma <https://github.com/a-tal>
- * Bugfix to ca_cert file paths.

- * Evan Meagher <https://evanmeagher.net>
- * Bugfix related to `memoryview` usage in PyOpenSSL adapter

- * John Vandenberg <jayvdb@gmail.com>
- * Python 2.6 fixes; pyflakes and pep8 compliance

- * Andy Caldwell <andy.m.caldwell@googlemail.com>

- * Bugfix related to reusing connections in indeterminate states.
- * Ville Skytt <ville.skytta@iki.fi>
 - * Logging efficiency improvements, spelling fixes, Travis config.
- * Shige Takeda <smtakeda@gmail.com>
 - * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
- * Jess Shapiro <jesse@jesseshapiro.net>
 - * Various character-encoding fixes/tweaks
 - * Disabling IPv6 DNS when IPv6 connections not supported
- * David Foster <http://dafoster.net/>
 - * Ensure order of request and response headers are preserved.
- * Jeremy Cline <jeremy@jcline.org>
 - * Added connection pool keys by scheme
- * Aviv Palivoda <palaviv@gmail.com>
 - * History list to Retry object.
 - * HTTPResponse contains the last Retry object.
- * Nate Prewitt <nate.prewitt@gmail.com>
 - * Ensure timeouts are not booleans and greater than zero.
 - * Fixed infinite loop in ``stream`` when amt=None.
 - * Added length_remaining to determine remaining data to be read.
 - * Added enforce_content_length to raise exception when incorrect content-length received.
- * Seth Michael Larson <sethmichaellarson@protonmail.com>
 - * Created selectors backport that supports PEP 475.
- * Alexandre Dias <alex.dias@smarkets.com>
 - * Don't retry on timeout if method not in whitelist
- * Moinuddin Quadri <moin18@gmail.com>
 - * Lazily load idna package
- * Tom White <s6yg1ez3@mail2tor.com>
 - * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
- * Tim Burke <tim.burke@gmail.com>
 - * Stop buffering entire deflate-encoded responses.
- * Tuukka Mustonen <tuukka.mustonen@gmail.com>
 - * Add counter for status_forcelist retries.
- * Erik Rose <erik@mozilla.com>

- * Bugfix to pyopenssl vendoring
- * Wolfgang Richter <wolfgang.richter@gmail.com>
- * Bugfix related to loading full certificate chains with PyOpenSSL backend.
- * Mike Miller <github@mikeage.net>
- * Logging improvements to include the HTTP(S) port when opening a new connection
- * Ioannis Tziakos <mail@itziakos.gr>
- * Fix ``util.selectors.\_fileobj\_to\_fd`` to accept ``long``.
- * Update appveyor tox setup to use the 64bit python.
- * Akamai
(through Jess Shapiro) <jshapiro@akamai.com>
- * Ongoing maintenance; 2017-2018
- * Dominique Leuenberger <dimstar@opensuse.org>
- * Minor fixes in the test suite
- * Will Bond <will@wbond.net>
- * Add Python 2.6 support to ``contrib.securetransport``
- * Aleksei Alekseev <alekseev.yeskela@gmail.com>
- * using auth info for socks proxy
- * Chris Wilcox <git@crwilcox.com>
- * Improve contribution guide
- * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior
- * Bruce Merry <https://www.brucemerry.org.za>
- * Fix leaking exceptions when system calls are interrupted with zero timeout
- * Hugo van Kemenade <https://github.com/hugovk>
- * Drop support for EOL Python 2.6
- * Tim Bell <https://github.com/timb07>
- * Bugfix for responses with Content-Type: message/* logging warnings
- * Justin Bramley <https://github.com/jbramleycl>
- * Add ability to handle multiple Content-Encodings
- * Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
- * Remove Authorization header
regardless of case when redirecting to cross-site
- * James Meickle <https://permadeath.com/>
- * Improve handling of Retry-After header

- * Chris Jerdonek <chris.jerdonek@gmail.com>
 - * Remove a spurious TypeError from the exception chain inside HTTPConnectionPool._make_request(), also for BaseExceptions.

 - * Jorge Lopez Silva <https://github.com/jalopezsilva>
 - * Added support for forwarding requests through HTTPS proxies.

 - * Benno Rice <benno@jeamland.net>
 - * Allow cadata parameter to be passed to underlying ``SSLContext.load\_verify\_locations()``.

 - * Keiichi Kobayashi <abok.1k@gmail.com>
 - * Rename VerifiedHTTPSConnection to HTTPSConnection

 - * Himanshu Garg <garg_himanshu@outlook.com>
 - * DOC & LICENSE Update

 - * Hod Bin Noon <bin.noon.hod@gmail.com>
 - * Test improvements

 - * Chris Olufson <tycarac@gmail.com>
 - * Fix for connection not being released on HTTP redirect and response not preloaded

 - * [Bastiaan Bakker] <https://github.com/bastiaanb>
 - * Support for logging session keys
via environment variable ``SSLKEYLOGFILE`` (Python 3.8+)

 - * [Ezzeri Esa] <https://github.com/savarin>
 - * Ports and extends on types from typedshed

 - * [Your name or handle] <[email or website]>
 - * [Brief summary of your changes]
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1.157 tar 1.34

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Any executables

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1.160 websockets 8.1

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* Jan-Pieter Cornet (johnpc) - 2012-03-23 03:25:52 PDT

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

That's all there is to it!

1.164 pyasn1 0.4.8-1.ph4

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ASN.1 library for Python

=====

```
.. toctree::
: maxdepth: 1
```

Abstract Syntax Notation One (ASN.1

http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1` <https://pypi.org/project/pyasn1/> library implements ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and become a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions <https://news.ycombinator.com/item?id=8871453> on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers` <https://developers.google.com/protocol-buffers/> or `FlatBuffers` <https://google.github.io/flatbuffers/>, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

- * Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.
- * Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.
- * Schema language: ASN.1 data structures could be described in terms

of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

- * Signaling standards for the public switched telephone network (SS7 family)
- * Network management standards (SNMP, CMIP)
- * Directory standards (X.500 family, LDAP)
- * Public Key Infrastructure standards (X.509, etc.)
- * PBX control (CSTA)
- * IP-based Videoconferencing (H.323 family)
- * Biometrics (BIP, CBEFF, ACBio)
- * Intelligent transportation (SAE J2735)
- * Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the ``statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`` on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation

```
.. toctree::
: maxdepth: 2

/ pyasn1/contents
```

Use case

```
.. toctree::
: maxdepth: 2

/ example-use-case
```

Download & Install

```
.. toctree::  
    :maxdepth: 2
```

/download

Changes

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

```
..  
toctree::  
    :maxdepth: 1
```

/changelog

License

The PyASN1 software is distributed under 2-clause BSD License.

```
.. toctree::  
    :maxdepth: 2
```

/license

Getting help

Please, file your `issues` <<https://github.com/etingof/pyasn1/issues>>`\_ and `PRs` <<https://github.com/etingof/pyasn1/pulls>>`_ at GitHub. Alternatively, you could ask for help at `Stack Overflow` <<http://stackoverflow.com/questions/tagged/pyasn1>>`\_ or search `pyasn1-users` <<https://lists.sourceforge.net/lists/listinfo/pyasn1-users>>`_ mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome books:

* `ASN.1 - Communication between heterogeneous systems <<http://www.oss.com/asn1/dubuisson.html>>` _ by Olivier Dubuisson
* `ASN.1 Complete <<http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>>` _ by Prof John Larmouth

Here you can get the official standards which is hard to read:

* `ITU standards
<<http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>>` _

On the other end of the readability spectrum, here is a quick and sweet write up:

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <<ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>>` _ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

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* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/cer/test_decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/compat/calling.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/ber/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/cer/decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/namedval.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_char.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/univ.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/ber/decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_opentype.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/native/test_decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/compat/octet.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/char.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/compat/dateandtime.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/compat/test_octets.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/__main__.py
*
/pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_useful.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/base.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/der/encoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/test_debug.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/cer/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_tag.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/native/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/der/decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/ber/encoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/base.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/der/test_encoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/der/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/cer/test_encoder.py


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* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/compat/test_integer.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/compat/integer.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/namedtype.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/native/encoder.py
*
/pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/ber/test_decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/compat/test_binary.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/debug.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/ber/eoo.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/native/decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/tag.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/error.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_namedtype.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/compat/binary.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/ber/test_encoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/error.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/constraint.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/compat/string.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_namedval.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/native/test_encoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_constraint.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/codec/cer/encoder.py
*
/pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/tagmap.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/setup.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/test_univ.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/opentype.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/codec/der/test_decoder.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/compat/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/tests/type/__main__.py
* /pyasn1-0-4-8-zip/pyasn1-0.4.8/pyasn1/type/useful.py

```

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ASN.1 library for Python

```

[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)
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blue.svg)](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)

```

This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on

[ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features

*

Generic implementation of ASN.1 types (X.208)

* Standards compliant BER/CER/DER codecs

* Dumps/loads ASN.1 structures from Python types

* 100% Python, works with Python 2.4 up to Python 3.7

* MT-safe

* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.

[Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html)

by

Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```
```bash
Record ::= SEQUENCE {
 id INTEGER,
```

```

room [0] INTEGER OPTIONAL,
house [1] INTEGER DEFAULT 0
}
...

```

Could be expressed in pyasn1 like this:

```

```python
class Record(Sequence):
    componentType = NamedTypes(
        NamedType('id', Integer()),
        OptionalNamedType(
            'room', Integer().subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
            )
        ),
        DefaultedNamedType(
            'house',
            Integer(0).subtype(
                implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
            )
        )
    )
...

```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
...

```

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)

```

```
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
...
```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```
```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>> print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
...
```
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```
```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
...
```
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```
```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
...
```
```

```
room=321
```

```
>>>
```

```
...
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](<http://snmplabs.com/pyasn1/>), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](<https://github.com/etingof/pyasn1-modules>).

How to get pyasn1

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](<http://snmplabs.com/pyasn1/license.html>). Source code is freely available as a GitHub [repo](<https://github.com/etingof/pyasn1>).

You could `pip install pyasn1` or download it from [PyPI](<https://pypi.org/project/pyasn1>).

If

something does not work as expected,
[open an issue](<https://github.com/etingof/pyasn1/issues>) at GitHub or
post your question [on Stack Overflow](<https://stackoverflow.com/questions/ask>)
or try browsing pyasn1
[mailing list archives](<https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/>).

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1.165 pyopenssl 19.1.0-2.ph4

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1.168 pycparser 2.20-1.ph4

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- * Li Xuan Ji
- * Mateusz Czaplinski
- * Paolo Di Maio
- * Rory Yorke
- * Rubin
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1.169 incremental 17.5.0-2.ph4

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1.170 go-redis-redis v8.4.11

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1.171 gojsonreference v0.16.0

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1.174 libnetfilter-acct 1.0.3

1.174.1 Available under license :

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

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** Introduction

xlsx is a library to simplify reading and writing the XML format used by recent version of Microsoft Excel in Go programs.

The support for writing XLSX files is currently extremely minimal. It will expand slowly, but in the meantime patches are welcome!

**** Full API docs**

The full API docs can be viewed using go's built in documentation tool, or online at [\[\[http://godoc.org/github.com/tealeg/xlsx\]\]](http://godoc.org/github.com/tealeg/xlsx)[\[\[godoc.org\]\]](http://godoc.org).

**** Basic Usage**

***** Reading XLSX files**

Here is a minimal example usage that will dump all cell data in a given XLSX file. A more complete example of this kind of functionality is contained in [\[\[https://github.com/tealeg/xlsx2csv\]\]](https://github.com/tealeg/xlsx2csv)[\[the XLSX2CSV program\]](#):

```
#+BEGIN_SRC go

package main

import (
    "fmt"
    "github.com/tealeg/xlsx"
)

func main() {
    excelFileName := "/home/tealeg/foo.xlsx"
    xlFile, err := xlsx.OpenFile(excelFileName)
    if err != nil {
        ...
    }
    for _, sheet := range xlFile.Sheets {
        for _, row := range sheet.Rows {
            for _, cell := range row.Cells {
                fmt.Printf("%s\n", cell.String())
            }
        }
    }
}
```

```
#+END_SRC
```

Some additional information is available from the cell (for example, style information). For more details see the godoc output for this package.

***** Writing XLSX files**

The following constitutes the bare minimum required to write an XLSX document.

```
#+BEGIN_SRC go

package main

import (
    "fmt"
    "github.com/tealeg/xlsx"
)

func main() {
    var file *xlsx.File
    var sheet
    *xlsx.Sheet
    var row *xlsx.Row
    var cell *xlsx.Cell
    var err error

    file = xlsx.NewFile()
    sheet, err = file.AddSheet("Sheet1")
    if err != nil {
        fmt.Printf(err.Error())
    }
    row = sheet.AddRow()
    cell = row.AddCell()
    cell.Value = "I am a cell!"
    err = file.Save("MyXLSXFile.xlsx")
    if err != nil {
        fmt.Printf(err.Error())
    }
}

#+END_SRC
```

**** Contributing**

We're extremely happy to review pull requests. Please be patient, maintaining XLSX doesn't pay anyone's salary (to my knowledge).

If you'd like to propose a change please ensure the following:

- All existing tests are passing.
- There are tests in the test suite that cover the changes you're making.
- You have added documentation strings (in English) to (at least) the public functions you've added or modified.
- Your use of, or creation of, XML is compliant with [\[http://www.ecma-international.org/publications/standards/Ecma-376.htm\]](http://www.ecma-international.org/publications/standards/Ecma-376.htm) [part 1 of the 4th edition of the ECMA-376

Standard for Office Open XML]].

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#+END_EXAMPLE

Eat a peach - Geoff

Found in path(s):

* /go-xlsx-4-0-0-rc3-zip/go-xlsx-4.0.0-RC3/README.org

No license file was found, but licenses were detected in source scan.

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1.179 net-snmp 5.9.1

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

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In

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

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Here is a sample; alter the names:

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library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.181 click 7.0

1.181.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
\$ click\  
=====
```

Click is a Python package for creating beautiful command line interfaces in a composable way with as little code as necessary. It's the "Command Line Interface Creation Kit". It's highly configurable but comes with sensible defaults out of the box.

It aims to make the process of writing command line tools quick and fun while also preventing any frustration caused by the inability to implement an intended CLI API.

Click in three points:

- Arbitrary nesting of commands
- Automatic help page generation
- Supports lazy loading of subcommands at runtime

Installing

Install and update using `pip`_:

.. code-block:: text

```
$ pip install click
```

Click supports Python 3.4 and newer, Python 2.7, and PyPy.

.. _pip: <https://pip.pypa.io/en/stable/quickstart/>

A Simple Example

What does it look like? Here is an example of a simple Click program:

.. code-block:: python

```
import click

@click.command()
@click.option("--count", default=1, help="Number of greetings.")
@click.option("--name", prompt="Your name",
              help="The person to greet.")
def hello(count, name):
    """Simple program that greets NAME for a total of COUNT times."""
    for _ in range(count):
        click.echo("Hello, %s!" % name)

if __name__ == '__main__':
    hello()
```

And what it looks like when run:

.. code-block:: text

```
$ python hello.py --count=3
Your name: Click
Hello, Click!
Hello, Click!
Hello, Click!
```

Donate

The Pallets organization develops and supports Click and other popular packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`_.

.. _please donate today: <https://palletsprojects.com/donate>

Links

* Website: <https://palletsprojects.com/p/click/>

* Documentation: <https://click.palletsprojects.com/>

*

License: `BSD <<https://github.com/pallets/click/blob/master/LICENSE.rst>>` _

* Releases: <https://pypi.org/project/click/>

* Code: <https://github.com/pallets/click>

* Issue tracker: <https://github.com/pallets/click/issues>

* Test status:

* Linux, Mac: <https://travis-ci.org/pallets/click>

* Windows: <https://ci.appveyor.com/project/pallets/click>

* Test coverage: <https://codecov.io/gh/pallets/click>

Found in path(s):

* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/README.rst

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Click uses parts of optparse written by Gregory P. Ward and maintained by the Python Software Foundation. This is limited to code in parser.py.

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* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/LICENSE.rst

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=====

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* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/click/_termui_impl.py

* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/click/__init__.py

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* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/tests/test_formatting.py

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.. _contrib:

=====

click-contrib
=====

As the userbase of Click grows, more and more major feature requests pop up in Click's bugtracker. As reasonable as it may be for those features to be bundled with Click instead of being a standalone project, many of those requested features are either highly experimental or have unproven practical use, while potentially being a burden to maintain.

This is why click-contrib_ exists. The GitHub organization is a collection of possibly experimental third-party packages whose featureset does not belong into Click, but also a playground for major features that may be added to Click in the future. It is also meant to coordinate and concentrate effort on writing third-party extensions for Click, and to ease the effort of searching for such extensions. In that sense it could be described as a low-maintenance alternative to extension repositories of other frameworks.

Please
note that the quality and stability of those packages may be different than what you expect from Click itself. While published under a common organization, they are still projects separate from Click.

.. _click-contrib: <https://github.com/click-contrib/>

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* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/docs/contrib.rst
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```
import io
import re
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("click/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r"__version__ = \"(.*)\"", f.read()).group(1)

setup(
    name="Click",
    version=version,
    url="https://palletsprojects.com/p/click/",
    project_urls={
        "Documentation": "https://click.palletsprojects.com/",
        "Code": "https://github.com/pallets/click",
        "Issue tracker": "https://github.com/pallets/click/issues",
    },
    license="BSD",
```



```

author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
maintainer="Pallets Team",
maintainer_email="contact@palletsprojects.com",
description="Composable command line interface toolkit",
long_description=readme,
packages=["click"],
include_package_data=True,
python_requires=">=2.7, !=3.0.*, !=3.1.*,
!=3.2.*, !=3.3.*",
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.4",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
],
)

```

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* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/setup.py

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binary only, patch it back to the system, and then use a wrapper

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* /pallets-click-7-0-0-ga936b99-1-tar-gz/pallets-click-a936b99/click/_compat.py

1.182 procps 3.3.16

1.182.1 Available under license :

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1.185 shadow 4.8.1

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1.188 x-sys 0.0.0-20210426230700- d19ff857e887

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1.189 urllib3 1.26.6-1.ph1

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1.190 x-net 0.0.0-20210520170846-37e1c6afe023

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1.192 klauspost-compress 1.13.5

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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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b) Use a suitable shared library mechanism for linking with the

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1.197 redis 5.0.14

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1.198 toml 0.4.1

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1.199 ulikunitz-xz 0.5.10

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package main

```
import (  
    "bufio"  
    "bytes"  
    "flag"  
    "fmt"  
    "io"  
    "log"  
    "os"
```



```
"path/filepath"
"strings"
)
```

```
const crUsageString = `xb copyright [options] <path>....
```

The xb copyright command adds a copyright remark to all go files below path.

```
-h prints this message and exits
`
```

```
func crUsage(w io.Writer) {
    fmt.Fprint(w, crUsageString)
}
```

```
const copyrightText = `
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license that can be found in the LICENSE file.
`
```

```
func goComment(text string) string {
    buf := new(bytes.Buffer)
    scanner := bufio.NewScanner(strings.NewReader(text))
    var err error
    for scanner.Scan() {
        s := strings.TrimSpace(scanner.Text())
        if len(s) == 0 {
            continue
        }
        if _, err = fmt.Fprintln(buf, "/*", s); err != nil {
            panic(err)
        }
    }
    if err
    = scanner.Err(); err != nil {
        panic(err)
    }
    if _, err = fmt.Fprintln(buf); err != nil {
        panic(err)
    }
    return buf.String()
}
```

```
var goCopyright = goComment(copyrightText)
```

```
func addCopyright(path string) (err error) {
    log.Printf("adding copyright to %s", path)
```

```

src, err := os.Open(path)
if err != nil {
    return err
}
defer func() {
    cerr := src.Close()
    if cerr != nil && err == nil {
        err = cerr
    }
}()
newPath := path + ".new"
dst, err := os.Create(newPath)
if err != nil {
    return err
}
defer func() {
    cerr := dst.Close()
    if cerr != nil && err == nil {
        err = cerr
    }
}()
out := bufio.NewWriter(dst)
fmt.Fprint(out, goCopyright)
scanner := bufio.NewScanner(src)
line := 0
del := false
for scanner.Scan() {
    line++
    txt := scanner.Text()
    if line == 1 && strings.Contains(txt, "Copyright") {
        del = true
        continue
    }
    if del {
        s := strings.TrimSpace(txt)
        if len(s) == 0 {
            del = false
        }
        continue
    }
    fmt.Fprintln(out, txt)
}
if err = scanner.Err();
err != nil {
    return err
}
if err = out.Flush(); err != nil {
    return

```

```

}
err = os.Rename(newPath, path)
return
}

func walkCopyrights(path string, info os.FileInfo, err error) error {
if err != nil {
return err
}
if info.IsDir() {
return nil
}
if !strings.HasSuffix(info.Name(), ".go") {
return nil
}
return addCopyright(path)
}

func copyright() {
cmdName := os.Args[0]
log.SetPrefix(fmt.Sprintf("%s: ", cmdName))
log.SetFlags(0)

flag.CommandLine = flag.NewFlagSet(cmdName, flag.ExitOnError)
flag.Usage = func() { crUsage(os.Stderr); os.Exit(1) }

help := flag.Bool("h", false, "")

flag.Parse()

if *help {
crUsage(os.Stdout)
os.Exit(0)
}

for _, path := range flag.Args() {
fi, err := os.Stat(path)
if err != nil {
log.Print(err)
continue
}
if !fi.IsDir() {
log.Printf("%s is not a directory", path)
continue
}
if err = filepath.Walk(path, walkCopyrights); err != nil {
log.Fatalf("%s error %s", path, err)
}
}

```

```
}  
}  
package main
```

```
const goLicense = `Copyright (c) 2009 The Go Authors. All rights reserved.
```

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1.200 pgzip 1.2.5

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```

```

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

```

```

<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">

```

```

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

```

```

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

```

```

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="db:book/db:info/db:copyright | db:refentry/db:docinfo/db:copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="db:year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
      </xsl:for-each>
    </xsl:with-param>
  </xsl:call-template>

```

```

<xsl:value-of select="db:holder"/>
  <xsl:value-of select="$isc.copyright.breakline"/>
  <xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:value-of
select="$isc.copyright.text"/>
  </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

```

<!--

- Local variables:

- mode: sgml

- End:

-->

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1.202 sudo 1.8.32

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The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray

Benali, Elias
Beverly, Jamie
Boardman, Spider
Bos, Sander
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Piete
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
Cheloha, Scott
ek, Vtislav
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Frysinger, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, Yoshifuji
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben

Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Jover, Guillem
Juhani, Timo
Kikuchi, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbess, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Mallayya, Sangamesh
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Mller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig

Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Pasteleurs, Frederic
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
Sato, Yuichi
Snchez, Wilfredo
Sanders, Miguel
Sasaki, Kan
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Spradling, Michael
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew

Todd, Giles
Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see <https://translationproject.org> for more details.

Albuquerque, Pedro
Blttermann, Mario
Bogusz, Jakub
Buo-ren, Lin
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez,
Francisco
Fontenelle, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
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Hein, Jochen
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Jerovek, Damir
Karvonen, Jorma
Kazik, Duan

Kelemen, Gbor
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Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krznar, Tomislav
Marchal, Frdric
Margeviius, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
Nylander, Daniel
Psa, Petr
Puente, Enol
Putanec, Boidar
Qun, Trn Ngc
Rasmussen, Sebastian
Regueiro, Leandro
Sarar, zgr
Sendn, Abel
Sikrom, ka
Spingos, Dimitris
Taniguchi, Yasuaki
Tomat, Fbio
r, Balzs
Uranga, Mikel Olasagasti
Vorotnikov, Artem
Wang, Wylmer

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Todd C. Miller <Todd.Miller@sudo.ws>

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1.203 casbin 2.37.0

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

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

Any executables

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

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That's all there is to it!

HAPROXY's license - 2006/06/15

Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

Since some protocols are found in rare environments (finance, industry, ...), some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I **want** to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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<https://github.com/golang/protobuf>

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1.209 systemd 244.5

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

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

*

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

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

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

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

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

* and spelling mistakes.

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

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

* re-established. (put back CFG_PHYIE)

*

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

*

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

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

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

* see init_nicstar() for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather

lists

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

*

* Implementing minimal-copy of received data:

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

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

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

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

* SDU, and leave <small_buffer_data> bytes empty at the start. Then

* copy small buffer contents to head of large buffer.

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

* buffers. This is done by 2 things:

* 1) skb->destructor / skb->atm.recycle_buffer

* combined, allow nicstar_free_rx_skb to be called to

- * recycle large data buffers
- * 2) skb_clone of received buffers
- * See nicstar_free_rx_skb and linearize_buffer for implementation
- * details.
- *
- *
- *
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- *
- * M. Welsh, 6 July 1996
- *
- *
- * /

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

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

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1.217 gojsonpointer 0.0.0-20180127040702-4e3ac2762d5f

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1.218 golang 1.17.11

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1.219 zlib 1.2.11

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

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

*/

1.220 html5lib 1.1

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1.221 pysocks 1.7.1

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1.222 python-setuptools 56.0.0

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1.223 gmp 6.2.0

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