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Julian Seward, Cambridge, UK.
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bzip2/libbzip2 version 1.0.4 of 20 December 2006

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

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

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

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

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

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.

1.2 tftp-hpa 5.2

1.2.1 Available under license :

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

```
/* *_- c *_- ----- *  
*  
* Copyright 2001-2006 H. Peter Anvin - All Rights Reserved  
*  
* This program is free software available under the same license  
* as the "OpenBSD" operating system, distributed at  
* http://www.openbsd.org/.  
*  
* ----- */
```

Found in path(s):

```
* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-  
2-1-tar-bz2/tftp-hpa-5.2/config.h
```

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

```
/* ----- *  
*  
* Copyright 2001-2006 H. Peter Anvin - All Rights Reserved  
*  
* This program is free software available under the same license  
* as the "OpenBSD" operating system, distributed at  
* http://www.openbsd.org/.  
*  
* ----- */
```

Found in path(s):

```
* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-  
2-1-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.c
```

```
* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
```

2-1-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.h

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

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp_wrappers-devel

BuildRoot: %{_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-%{version}

%build

%configure

make %{?_smp_mflags}

%install

rm -rf \${RPM_BUILD_ROOT}

mkdir -p \${RPM_BUILD_ROOT}%{_bindir}

mkdir -p \${RPM_BUILD_ROOT}%{_mandir}/man{1,8}

mkdir -p \${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=\${RPM_BUILD_ROOT} \

```

SBINDIR=% {_sbindir} MANDIR=% {_mandir} \
install
install -m755 -d ${RPM_BUILD_ROOT}% {_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}% {_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
    /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
% {_bindir}/tftp
% {_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) % {_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
% {_sbindir}/in.tftpd
% {_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

```

- * Wed Jan 22 2003 Tim Powers <timp@redhat.com>
 - rebuilt
- * Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
 - Update to 0.32
- * Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
 - Fix #55789
 - Update to 0.30
- * Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
 - Try applying HJ's patch from #65476
- * Fri Jun 21 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
 - Update to 0.29
- * Thu May 23 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Wed Jan 09 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
 - Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
 - Update to tftp-hpa-0.28 (bug #56131)
 - Remove include/arpa/tftp.h to fix #57259
 - Add resource limits in tftp-xinetd (#56722)
- * Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
 - Bump release + rebuild.
- * Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
 - updated tftp-hpa source to tftp-hpa-0.17
 - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
 - use hpa's tftpd.8 man page instead of the netkits one
- * Mon May 07 2001 Helge Deller <hdeller@redhat.de>
 - rebuilt in 7.1.x
- * Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
 - fix tftp client's put problems (#29529)
 - update to tftp-hpa-0.16
- * Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>

- don't let configure to guess compiler, it can pick up egcs

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>

- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),

* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>

- xinetd shouldn't wait on tftp (which forks) (#23923).

* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>

- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>

- default to being disabled

* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>

- correct group.

* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>

- change user from root to nobody

* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>

- update to tftp-hpa-0.14 (#14003).
- add server_args (#14003).
- remove -D_BSD_SOURCE (#14003).

* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>

- cook up an xinetd config file for tftpd

* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>

- automatic rebuild

* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>

- FHS packaging.
- update to 0.17.

* Fri May 5 2000 Matt Wilson <msw@redhat.com>

- use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>

- fix description

* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>

- compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>

- man pages are compressed

- fix description and summary

* Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>

- split client and server

* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>

- update to 0.16.

* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>

- update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>

- tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>

- auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>

- compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>

- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp.spec

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Found in path(s):

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.8.in

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

```
/* ----- *  
*  
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*  
* This program is free software available under the same license  
* as the "OpenBSD" operating system, distributed at  
* http://www.openbsd.org/.  
*  
* ----- */
```

Found in path(s):

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftpd/misc.c

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftpd/remap.c

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftpd/remap.h

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.\" 3. Neither the name of the University nor the names of its contributors
.\" without specific prior written permission.

Found in path(s):

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp/tftp.1.in

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

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*/

Found in path(s):

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.c

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

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: @@VERSION@@

Release: 1

License: BSD
Group: Applications/Internet
Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>
BuildRequires: tcp_wrappers-devel
BuildRoot: %{_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons
Summary: The server for the Trivial File Transfer Protocol (TFTP).
Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-%{version}

%build

%configure

make %{?_smp_mflags}

%install

rm -rf \${RPM_BUILD_ROOT}
mkdir -p \${RPM_BUILD_ROOT}%{_bindir}
mkdir -p \${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p \${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=\${RPM_BUILD_ROOT} \
SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
install

install -m755 -d \${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ \${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd \${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server

/sbin/service xinetd reload > /dev/null 2>&1 || :

```

%postun server
if [ $1 = 0 ]; then
    /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32

```

- * Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
 - Fix #55789
 - Update to 0.30

- * Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
 - Try applying HJ's patch from #65476

- * Fri Jun 21 2002 Tim Powers <timp@redhat.com>
 - automated rebuild

- * Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
 - Update to 0.29

- * Thu May 23 2002 Tim Powers <timp@redhat.com>
 - automated rebuild

- * Wed Jan 09 2002 Tim Powers <timp@redhat.com>
 - automated rebuild

- * Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
 - Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
 - Update to tftp-hpa-0.28 (bug #56131)
 - Remove include/arpa/tftp.h to fix #57259
 - Add resource limits in tftp-xinetd (#56722)

- * Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
 - Bump release + rebuild.

- * Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
 - updated tftp-hpa source to tftp-hpa-0.17
 - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
 - use hpa's tftpd.8 man page instead of the netkits one

- * Mon May 07 2001 Helge Deller <hdeller@redhat.de>
 - rebuilt in 7.1.x

- * Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
 - fix tftp client's put problems (#29529)
 - update to tftp-hpa-0.16

- * Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
 - don't let configure to guess compiler, it can pick up egcs

- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
 - fixed hpa-tftpd to handle files greater than 32MB (#23725)
 - added "-l" flag to hpa-tftpd for file-logging (#26467)
 - added description for "-l" to the man-page

- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - updated tftp client to 0.17 stable (#19640),
 - drop dependency on xinetd for tftp client (#25051),

- * Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
 - xinetd shouldn't wait on tftp (which forks) (#23923).

- * Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
 - fix to permit tftp put's (#18128).
 - startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
 - %%post is needed by server, not client. Add %%postun for erasure as well.

- * Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
 - default to being disabled

- * Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
 - correct group.

- * Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
 - change user from root to nobody

- * Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
 - update to tftp-hpa-0.14 (#14003).
 - add server_args (#14003).
 - remove -D_BSD_SOURCE (#14003).

- * Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
 - cook up an xinetd config file for tftpd

- * Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
 - automatic rebuild

- * Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
 - FHS packaging.
 - update to 0.17.

- * Fri May 5 2000 Matt Wilson <msw@redhat.com>
 - use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

- * Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
 - fix description

- * Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
 - compress man pages (again).

- * Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>

- man pages are compressed
- fix description and summary

- * Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>
- split client and server

- * Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.16.

- * Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.15.

- * Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
- tftpd should truncate file when overwriting (#412)

- * Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)

- * Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.

- * Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
- build root

- * Mon Apr 27 1998 Prospector System <bugs@redhat.com>
- translations modified for de, fr, tr

- * Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
- added check for getpwnam() failure

- * Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
- initial build

Found in path(s):

* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp.spec.in

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

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- */

Found in path(s):

- * /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h
- * /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp/extern.h

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* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp/main.c
* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c
* /opt/cola/permits/1706477603_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp/tftp.c

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*
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Found in path(s):

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1.3 dmalloc 5.5.2

1.3.1 Available under license :

```
#!/usr/bin/perl5 -w
#
# dmalloc_summarize -- summarizes dmalloc log files
#
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#
# $Id: dmalloc_summarize.pl,v 1.1.1.1 2012/09/18 09:28:11 mohammr1 Exp $
#
/*
 *
 * Copyright (c) 1994, Textil Computer Design GmbH, Dresden
 *
 * Author: J"org Wunsch
 *
 * Dumb atexit() implementation. It is far from being elegant. It is
 * only here to provide a workaround for systems where the existing
 * atexit() implementation is known to cause problems due to doing
 * own mallocs. The problem arose originally on a Data General
 * machine running DG/UX 5.4R*, along with gcc compiling C++ code.
 * In order to have global and static variables called their const-
 * ructors, a chunk of code has been placed by the compiler that
 * ran before invoking main(). This code registered the destructors
 * with atexit() at this very early stage, but the existing atexit()
 * bypassed the normal memory allocation scheme, and hence caused
 * grievous troubles in combination with the dmalloc library.
 *
 * Known problem for DG/UX: the crt0.o (at least in a COFF environ-
 * ment) passes the return value from main() to _real_exit() instead
 * of exit(). Hence programs which return from main instead of calling
 * exit() do not work as expected. I do not see any good workaround
```

* for this so far (since crt0.o always happens to reference the
* _real_exit() from the library, even if we would provide our very
* own symbol for it).
*
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1.4 wireless-tools 29

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1.5 libconfig 1.7.2

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

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

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

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

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Upstream-Name: ls-config

Source: <https://github.com/lucas-net-pl/ls-config>

Files: *

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@c
@c %**start of header

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1.6 linux-kernel 4.4.60

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```

```
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ConferenceTV card

+ many more (please mail me if you are missing in this list and would like to be mentioned)

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

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/* 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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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*/

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for his contributions to the dvb-net driver

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for CyberLogin for Linux which allows logging onto EON

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Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
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Unix SMB/CIFS implementation.

Python interface to tdb.

Copyright (C) 2004-2006 Tim Potter <tpot@samba.org>

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*/

1.8 libtommath 0.42.0

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-- Tom St Denis

1.9 netbsd-resolv 2.23

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Description: Don't warn for _BSD_SOURCE || _SVID_SOURCE, drop post-vivid

Author: Adam Conrad <adconrad@ubuntu.com>

```
--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
     transitioned to use the new macro. */
#if (defined _BSD_SOURCE || defined _SVID_SOURCE) \
    && !defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
+ and we don't have time to check/fix everything before vivid release
# warning "_BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
# undef _DEFAULT_SOURCE
# define _DEFAULT_SOURCE 1
#endif
```

This is the Debian prepackaged version of the GNU C Library version 2.23.

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from <git://sourceware.org/git/glibc.git>

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1.10 libtomcrypt 1.17

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```
# /*
# * SHA-512
# * Implementation derived from LibTomCrypt (Tom St Denis)
# *
# * LibTomCrypt is a library that provides various cryptographic
# * algorithms in a highly modular and flexible manner.
# *
# * The library is free for all purposes without any express
# * guarantee it works.
# *
# * Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
# */
```

1.11 email 4.0.2

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```
Return-Path: <barry@python.org>
Delivered-To: barry@python.org
Received: by mail.python.org (Postfix, from userid 889)
id C2BF0D37C6; Tue, 11 Sep 2001 00:05:05 -0400 (EDT)
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="h90V8IIKmx"
Content-Transfer-Encoding: 7bit
Message-ID: <15261.36209.358846.118674@anthem.python.org>
From: barry@python.org (Barry A. Warsaw)
To: barry@python.org
Subject: a simple multipart
Date: Tue, 11 Sep 2001 00:05:05 -0400
X-Mailer: VM 6.95 under 21.4 (patch 4) "Artificial Intelligence" XEmacs Lucid
X-Attribution: BAW
X-Oblique-Strategy: Make a door into a window
```

```
--h90V8IIKmx
Content-Type: text/plain
Content-Disposition: inline;
filename="msg.txt"
Content-Transfer-Encoding: 7bit
```

a simple kind of mirror
to reflect upon our own

--h90V8IIKmx
Content-Type: text/plain
Content-Disposition: inline;
filename="msg.txt"
Content-Transfer-Encoding: 7bit

a simple kind of mirror
to reflect upon our own

--h90V8IIKmx--

Found in path(s):

* /opt/cola/permits/1156180176_1619139157.6/0/email-4-0-2-1-tar-gz/email-4.0.2/email/test/data/msg_04.txt
No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.0
Name: email
Version: 4.0.2
Summary: Standalone email package
Home-page: <http://www.python.org/sigs/email-sig>
Author: Email SIG
Author-email: email-sig@python.org
License: Python software Foundation
Description: This is the standalone email package. This is a copy of what's available in
Python but you may want to use the standalone version if you want the latest
and greatest email package, even in older Pythons.
Keywords: email
Platform: UNKNOWN

Found in path(s):

* /opt/cola/permits/1156180176_1619139157.6/0/email-4-0-2-1-tar-gz/email-4.0.2/PKG-INFO
* /opt/cola/permits/1156180176_1619139157.6/0/email-4-0-2-1-tar-gz/email-4.0.2/email.egg-info/PKG-INFO
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Return-Path: <barry@python.org>
Delivered-To: barry@python.org
Received: by mail.python.org (Postfix, from userid 889)
id C2BF0D37C6; Tue, 11 Sep 2001 00:05:05 -0400 (EDT)
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="h90V8IIKmx"
Content-Transfer-Encoding: 7bit
Message-ID: <15261.36209.358846.118674@anthem.python.org>
From: barry@python.org (Barry A. Warsaw)
To: barry@python.org
Subject: a simple multipart

Date: Tue, 11 Sep 2001 00:05:05 -0400
X-Mailer: VM 6.95 under 21.4 (patch 4) "Artificial Intelligence" XEmacs Lucid
X-Attribution: BAW
X-Oblique-Strategy: Make a door into a window

--h90V8IIKmx
Content-Type: text/plain
Content-Disposition: inline; name="msg.txt"
Content-Transfer-Encoding: 7bit

a simple kind of mirror
to reflect upon our own

--h90V8IIKmx
Content-Type: text/plain
Content-Disposition: inline; name="msg.txt"
Content-Transfer-Encoding: 7bit

a simple kind of mirror
to reflect upon our own

--h90V8IIKmx--

Found in path(s):
* /opt/cola/permits/1156180176_1619139157.6/0/email-4-0-2-1-tar-gz/email-4.0.2/email/test/data/msg_44.txt
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Return-Path: <barry@python.org>
Delivered-To: barry@python.org
MIME-Version: 1.0
Content-Type: message/rfc822
Content-Description: forwarded message
Content-Transfer-Encoding: 7bit
Message-ID: <15265.9482.641338.555352@python.org>
From: barry@zope.com (Barry A. Warsaw)
Sender: barry@python.org
To: barry@python.org
Subject: forwarded message from Barry A. Warsaw
Date: Thu, 13 Sep 2001 17:28:42 -0400
X-Mailer: VM 6.95 under 21.4 (patch 4) "Artificial Intelligence" XEmacs Lucid
X-Attribution: BAW
X-Oblique-Strategy: Be dirty
X-Url: http://barry.wooz.org

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Return-Path: <barry@python.org>

Delivered-To: barry@python.org
Message-ID: <15265.9468.713530.98441@python.org>
From: barry@zope.com (Barry A. Warsaw)
Sender: barry@python.org
To: barry@python.org
Subject: testing
Date: Thu, 13 Sep 2001 17:28:28 -0400
X-Mailer: VM 6.95 under 21.4 (patch 4) "Artificial Intelligence" XEmacs Lucid
X-Attribution: BAW
X-Oblique-Strategy: Spectrum analysis
X-Url: http://barry.wooz.org

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* /opt/cola/permits/1156180176_1619139157.6/0/email-4-0-2-1-tar-gz/email-4.0.2/email/test/data/msg_06.txt

1.12 grpc 1.0.1

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1.13 openosc 1.0.3

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1.16 pyformance 0.3.4

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

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

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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1.22 pyaes 1.6.0

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1.24 cheroot 6.4.0

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1.25 linux-kernel 3.14.43

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```
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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*
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for CyberLogin for Linux which allows logging onto EON
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for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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1.26 python-mimeparse 1.6.0

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1.27 libev 4.22

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1.28 pnp 1.8.2.dev17

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* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/handler.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/capwap.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/network/resolve.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/network/connection_client.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/services/redirection.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/services/script.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/utils/pnp_utils.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/xml/xmlgenerator.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/services/token_auth.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/posix_pnp_nohup.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/reload.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/system/capwap.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/pnp_infra.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/wlc.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/services/interface_info.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/reasons.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/monitor.py

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

Metadata-Version: 1.1

Name: pnp

Version: 1.8.2.dev17

Summary: Plug-n-Play Agent for Cisco Network-PnP

Home-page: <https://developer.cisco.com/site/open-plug-n-play/>

Author: Network Plug-n-Play

Author-email: pnp-support@cisco.com

License: Cisco Proprietary

Description: UNKNOWN

Keywords: posix pnp agent plug-n-play client

Platform: UNKNOWN

Classifier: Operating System :: POSIX :: Linux

Classifier: Programming Language :: Python :: 2.7

Found in path(s):

* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp.egg-info/PKG-INFO

* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/PKG-INFO

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

[bdist_rpm]

release = 1

packager = Network Plug-n-Play <pnp-dev@cisco.com>

doc_files = README.rst

no-autoreq = 1

post-install = pnp/data/cfg/post_install_rpm.sh

rpm-base = ./rpmbuild

binary-only = 1

description = Plug-n-Play Agent for Cisco Network-PnP

keep-temp = 1

[egg_info]

tag_build =

tag_date = 0

tag_svn_revision = 0

Found in path(s):

* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/setup.cfg

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

license='Cisco Proprietary',

Found in path(s):

* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/setup.py

1.29 libsemanage 2.8

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Version 2.1, February 1999

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1.30 expat 2.2.8

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1.31 cyrus-sasl 2.1.28

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/* CMU libsasl

* Tim Martin

* Rob Earhart

* Rob Siemborski

*/

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* Tim Martin
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* Rob Siemborski
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1.32 pnp-platform 1.5.2.dev4

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```
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pnp_pd_dev/pnp_cheetah/pnp_platform/utils/ntplib.py
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Author: Murali Muniraman <mmuniram@cisco.com>

Date: January 2017

This file contains constants for the cheetah platform.

```
CHEETAH_DEVICE_TYPE_AP = "AP"
CHEETAH_DEVICE_TYPE_ME = "ME"
CHEETAH_DEVICE_TYPE_SENSOR = "sensor"
```

```
CHEETAH_SENSOR_WIRELESS_BACKHAUL_CONNECTION =
"/tmp/wireless_backhaul_connection_success"
```

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```
* /opt/cola/permits/1156179927_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty_pnp-
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```

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Author: Murali Muniraman <mmuniram@cisco.com>

Date: January 2017

```
import json
import logging
```

```

import pnp.infra.utils.pnp_file_paths as files

logger = logging.getLogger(__name__)

def is_platform_device_type(ptype):
    """ Checks platform.json file to see if deviceType is ptype """
    platform_info_file = files.filepaths['config']['platform']
    device_type = None
    try:
        with open(platform_info_file, 'r') as f:
            platform_info = f.read()
    except IOError:
        logger.error("IOError: No such file or directory:" + platform_info_file)
        return False
    try:
        platform_dict = json.loads(platform_info)
        if platform_dict.has_key('hardwareInfo'):
            hardware_info = platform_dict.get('hardwareInfo')
            if hardware_info.has_key('deviceType'):
                device_type = hardware_info.get('deviceType')
    except ValueError as e:
        logger.error(str(e))

    logger.info("Device is of type %s", device_type)
    return bool(device_type == ptype)

```

Found in path(s):

```

* /opt/cola/permits/1156179927_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty_pnp-
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```

1.33 u-boot 2018.01

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```

```
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Ty Coon, President of Vice
```

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1.34 jansson 2.10

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1.35 libjitterentropy 3.4.1

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1.36 protobuf 3.0.0

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* Fix compiler to not make output executable.

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* Heuristic detection of sub-messages when printing unknown fields in text format.

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* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>
* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>
* MS Visual Studio error format option.
* Detect unordered_map in stl_hash.m4.

Brian Olson <brianolson@google.com>
* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>
* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
* Added generation of field number constants.

Wink Saville <wink@google.com>
* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>
* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>
* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>
* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>
* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>
* Detect whether zlib is new enough in configure script.
* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>
* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>
* Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

* Fixed detection of sched_yield on Solaris.

* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

* Fixed minor IBM xLC compiler build issues

* Added atomicops for AIX (POWER)

1.37 iptables 1.4.21

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1.38 pkix-ssh 13.5

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

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

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

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

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

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

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

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

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

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

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

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

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

@c \input texinfo.tex @c -*texinfo-*

@c

@c %**start of header

@c All text is ignored before the setfilename.

@setfilename LGPL.info

@center GNU LESSER GENERAL PUBLIC LICENSE

@center Version 2.1, February 1999

@sp 1

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59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

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@center Preamble

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary

General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

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

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

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

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

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

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

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

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

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

you also meet all of these conditions:

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The modified work must itself be a software library.

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

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

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

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

@end enumerate

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

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

collective works based on the Library.

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

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

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

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

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

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

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

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

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

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

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

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

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

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the

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

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

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

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

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

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For 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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@center END OF TERMS AND CONDITIONS

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@page

@center How to Apply These Terms to Your New Libraries

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@c @bye

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Version 2, June 1991

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1.40 ws4py 0.3.5

1.40.1 Available under license :

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Metadata-Version: 1.1

Name: ws4py

Version: 0.3.5

Summary: WebSocket client and server library for Python 2 and 3 as well as PyPy

Home-page: <https://github.com/Lawouach/WebSocket-for-Python>

Author: Sylvain Hellegouarch

Author-email: sh@defuze.org

License: BSD

Download-URL: <https://pypi.python.org/pypi/ws4py>

Description: WebSocket client and server library for Python 2 and 3 as well as PyPy

Platform: any

Classifier: Development Status :: 5 - Production/Stable

Classifier: Framework :: CherryPy

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

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Classifier: Topic :: Internet :: WWW/HTTP :: WSGI :: Middleware
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Found in path(s):

* /opt/cola/permits/1156180131_1619139153.46/0/ws4py-0-3-5-tar-gz/ws4py-0.3.5/ws4py.egg-info/PKG-INFO
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1.41 yajl 2.1.0

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1.42 iputils 20210202

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1.43 lighttpd 1.4.54

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1.44 iproute 4.0.0

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1.45 psutil 5.6.7

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1.46 jsonschema 2.5.1

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1.47 autogen 5.18.16

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```

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Version 3, 29 June 2007

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References

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1.50 libnsl 2.23

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```
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```

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1.51 selinux 2.8-1

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1.52 enum34 1.1.6

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1.53 tftp-hpa 5.2

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 *
 * ----- */
```

Found in path(s):

```
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.c
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.h
```

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```

```

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.\"
.\"----- */

```

Found in path(s):

```
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.8.in
```

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Found in path(s):

```
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/MCONFIG.in
```

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Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp_wrappers-devel

BuildRoot: %{_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user

interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

```
%package server
```

```
Group: System Environment/Daemons
```

```
Summary: The server for the Trivial File Transfer Protocol (TFTP).
```

```
Requires: xinetd
```

```
%description server
```

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

```
%prep
```

```
%setup -q -n tftp-hpa-%{version}
```

```
%build
```

```
%configure
```

```
make %{?_smp_mflags}
```

```
%install
```

```
rm -rf ${RPM_BUILD_ROOT}
```

```
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
```

```
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
```

```
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}
```

```
make INSTALLROOT=${RPM_BUILD_ROOT} \
```

```
SBINDIR=${_sbindir} MANDIR=${_mandir} \
```

```
install
```

```
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
```

```
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp
```

```
%post server
```

```
/sbin/service xinetd reload > /dev/null 2>&1 || :
```

```
%postun server
```

```
if [ $1 = 0 ]; then
```

```
  /sbin/service xinetd reload > /dev/null 2>&1 || :
```

```
fi
```

```
%clean
```

```
rm -rf ${RPM_BUILD_ROOT}
```

```

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) % {_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30

* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476

* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
- automated rebuild

```


- * Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
 - Update to 0.29
- * Thu May 23 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Wed Jan 09 2002 Tim Powers <timp@redhat.com>
 - automated rebuild
- * Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
 - Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
 - Update to tftp-hpa-0.28 (bug #56131)
 - Remove include/arpa/tftp.h to fix #57259
 - Add resource limits in tftp-xinetd (#56722)
- * Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
 - Bump release + rebuild.
- * Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
 - updated tftp-hpa source to tftp-hpa-0.17
 - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
 - use hpa's tftpd.8 man page instead of the netkits one
- * Mon May 07 2001 Helge Deller <hdeller@redhat.de>
 - rebuilt in 7.1.x
- * Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
 - fix tftp client's put problems (#29529)
 - update to tftp-hpa-0.16
- * Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
 - don't let configure to guess compiler, it can pick up egcs
- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
 - fixed hpa-tftpd to handle files greater than 32MB (#23725)
 - added "-l" flag to hpa-tftpd for file-logging (#26467)
 - added description for "-l" to the man-page
- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - updated tftp client to 0.17 stable (#19640),
 - drop dependency on xinetd for tftp client (#25051),
- * Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
 - xinetd shouldn't wait on tftp (which forks) (#23923).
- * Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>

- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

- * Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
 - default to being disabled

- * Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
 - correct group.

- * Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
 - change user from root to nobody

- * Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
 - update to tftp-hpa-0.14 (#14003).
 - add server_args (#14003).
 - remove -D_BSD_SOURCE (#14003).

- * Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
 - cook up an xinetd config file for tftpd

- * Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
 - automatic rebuild

- * Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
 - FHS packaging.
 - update to 0.17.

- * Fri May 5 2000 Matt Wilson <maw@redhat.com>
 - use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

- * Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
 - fix description

- * Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
 - compress man pages (again).

- * Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
 - man pages are compressed
 - fix description and summary

- * Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>
 - split client and server

- * Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
 - update to 0.16.

* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>

- update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>

- tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>

- auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>

- compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>

- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp.spec

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

/*

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* SUCH DAMAGE.
*/

```

Found in path(s):

```
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.c
```

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

```

.\" *- nroff *- ----- *
.\"
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```

```
.\" SUCH DAMAGE.  
.\"  
.\"----- */
```

Found in path(s):

```
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/tftp.1.in
```

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

```
/*_*_ c *_----- *  
*  
* Copyright 2001-2006 H. Peter Anvin - All Rights Reserved  
*  
* This program is free software available under the same license  
* as the "OpenBSD" operating system, distributed at  
* http://www.openbsd.org/.  
*  
*----- */
```

Found in path(s):

```
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/config.h
```

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

```
/*  
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Found in path(s):

* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/extern.h
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h

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

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: @@VERSION@@

Release: 1

License: BSD

Group: Applications/Internet

Source0: <http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz>

BuildRequires: tcp_wrappers-devel

BuildRoot: %{_tmppath}/%{name}-root

%description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep

%setup -q -n tftp-hpa-%{version}

%build

%configure

```

make % {?_smp_mflags}

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}%{_sbindir}

make INSTALLROOT=${RPM_BUILD_ROOT} \
  SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
  install
install -m755 -d ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
  /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}

%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt

```

- * Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
 - 0.33
 - Add /tftpboot directory (#88204)

- * Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
 - rebuilt

- * Sun Feb 23 2003 Tim Powers <timp@redhat.com>
 - add BuildPreReq on tcp_wrappers

- * Wed Jan 22 2003 Tim Powers <timp@redhat.com>
 - rebuilt

- * Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
 - Update to 0.32

- * Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
 - Fix #55789
 - Update to 0.30

- * Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
 - Try applying HJ's patch from #65476

- * Fri Jun 21 2002 Tim Powers <timp@redhat.com>
 - automated rebuild

- * Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
 - Update to 0.29

- * Thu May 23 2002 Tim Powers <timp@redhat.com>
 - automated rebuild

- * Wed Jan 09 2002 Tim Powers <timp@redhat.com>
 - automated rebuild

- * Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
 - Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
 - Update to tftp-hpa-0.28 (bug #56131)
 - Remove include/arpa/tftp.h to fix #57259
 - Add resource limits in tftp-xinetd (#56722)

- * Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
 - Bump release + rebuild.

- * Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
 - updated tftp-hpa source to tftp-hpa-0.17
 - tweaked specfile with different defines for tftp-netkit and tftp-hpa version
 - use hpa's tftpd.8 man page instead of the netkits one

- * Mon May 07 2001 Helge Deller <hdeller@redhat.de>
 - rebuilt in 7.1.x
- * Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
 - fix tftp client's put problems (#29529)
 - update to tftp-hpa-0.16
- * Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
 - don't let configure to guess compiler, it can pick up eggs
- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
 - fixed hpa-tftpd to handle files greater than 32MB (#23725)
 - added "-l" flag to hpa-tftpd for file-logging (#26467)
 - added description for "-l" to the man-page
- * Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
 - updated tftp client to 0.17 stable (#19640),
 - drop dependency on xinetd for tftp client (#25051),
- * Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
 - xinetd shouldn't wait on tftp (which forks) (#23923).
- * Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
 - fix to permit tftp put's (#18128).
 - startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
 - %%post is needed by server, not client. Add %%postun for erasure as well.
- * Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
 - default to being disabled
- * Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
 - correct group.
- * Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
 - change user from root to nobody
- * Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
 - update to tftp-hpa-0.14 (#14003).
 - add server_args (#14003).
 - remove -D_BSD_SOURCE (#14003).
- * Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
 - cook up an xinetd config file for tftpd
- * Wed Jul 12 2000 Prospector <bugzilla@redhat.com>

- automatic rebuild

* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>

- FHS packaging.

- update to 0.17.

* Fri May 5 2000 Matt Wilson <maw@redhat.com>

- use `_BSD_SOURCE` for hpa's tftpd so we get BSD signal semantics.

* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>

- fix description

* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>

- compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>

- man pages are compressed

- fix description and summary

* Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>

- split client and server

* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>

- update to 0.16.

* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>

- update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>

- tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>

- auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>

- compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>

- build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>

- translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>

- added check for `getpwnam()` failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>

- initial build

Found in path(s):

* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp.spec.in

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```
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* http://www.openbsd.org/.
*
* ----- */
```

Found in path(s):

* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.h

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

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```

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*/

Found in path(s):

* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/main.c
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftp/tftp.c
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c

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

```
/* ----- *  
*  
* Copyright 2001-2007 H. Peter Anvin - All Rights Reserved  
*  
* This program is free software available under the same license  
* as the "OpenBSD" operating system, distributed at  
* http://www.openbsd.org/.  
*  
* ----- */
```

Found in path(s):

* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/remap.c
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/misc.c
* /opt/cola/permits/1127995194_1611893805.73/0/tftp-hpa-5-2-tar-bz2/tftp-hpa-5.2/tftpd/remap.h

1.54 opkg

9c97d5ecd795709c8584e972bfdf3aee3a5b846

d

1.54.1 Available under license :

=== Contributors ===

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== We don't have your name / email ==

Gilles Doffe

cconroy

chgros

Kosmaty

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pblack88@gmail.com

and anyone else who has sent patches or bug reports. If your name isn't on this list, please forgive us and send an email to a maintainer

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1.56 iproute 5.1.0

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1.59 libestr 0.1.11

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1.63 util-linux 2.30.2

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1.66 json-cpp 1.6.2

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```
* /opt/cola/permits/1240343308_1690562940.5662096/0/jsoncpp-37-zip/jsoncpp/jsoncpp.cpp  
* /opt/cola/permits/1240343308_1690562940.5662096/0/jsoncpp-37-zip/jsoncpp/json-forwards.h  
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1.67 popt 1.18

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1.68 memcached 1.5.7

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1.69 kexec-tools 2.0.18

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1.71 autogen 5.18.16

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

1.72 grpc 1.0.1

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* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/__init__.py

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x_user_defined.py

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```
from setuptools import setup, find_packages
import io
from os import path
import re

VERSION = re.search("VERSION = '([^\']+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)

LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()

setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
        'Topic :: Internet :: WWW/HTTP',
    ],
    packages=find_packages(),
```

)

Found in path(s):

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: me@gsnedders.com

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`
<<http://encoding.spec.whatwg.org/>>`_.

* Latest documentation: <http://packages.python.org/webencodings/>

* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

* PyPI releases: <http://pypi.python.org/pypi/webencodings>

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* Python 2.6+ and 3.3+

In order to be compatible with legacy web content

when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually

aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence

over any other encoding declaration.

The Encoding standard defines all such details so that implementations do

not have to reverse-engineer each other.

This module has encoding labels and BOM detection,

but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7
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"""

webencodings.mklabels

~~~~~

Regenerate the webencodings.labels module.

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"""

```
import json
```

```
try:
```

```
    from urllib import urlopen
```

```
except ImportError:
```

```
    from urllib.request import urlopen
```

```
def assert_lower(string):
```

```
    assert string == string.lower()
```

```
    return string
```

```
def generate(url):
```

```
    parts = ["\
```

```
"""
```

webencodings.labels

~~~~~

Map encoding labels to their name.

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"""

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This file is automatically generated by mklabels.py

```
LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).rstrip('u'),
         repr(encoding['name']).rstrip('u'))
         for category in json.loads(urlopen(url).read().decode('ascii'))
         for encoding in category['encodings']
         for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)
```

```
if __name__ == '__main__':
```

```
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))
```

Found in path(s):

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard

<<http://encoding.spec.whatwg.org/>>`_.

* Latest documentation: <http://packages.python.org/webencodings/>

* Source code and issue tracker:

<https://github.com/gsnedders/python-webencodings>

* PyPI releases: <http://pypi.python.org/pypi/webencodings>

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* Python 2.6+ and 3.3+

In order to be compatible with legacy web content

when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Found in path(s):

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst

1.75 bzip2 1.0.8

1.76 libpcap 1.9.1

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1.77 iputils 20101006

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1.81 netaddr 0.7.18

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-----
netaddr
-----
```

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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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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*/

```

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1.88 pyyaml 5.4.1

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1.92 python 2.7.17

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

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, 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.

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

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |

| | | | | |
|---------------|-----------|----------|-----|-----|
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
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1.94 python-certifi 2017.11.5

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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 \$

1.95 pciutils 3.4.0

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

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

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1.102 linux-kernel 3.14.33

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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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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
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for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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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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for the initial saa7146 driver and its recent overhaul
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for his work on the initial Linux DVB driver
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for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
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for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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1.104 fuse 2.9.3

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1.109 pyyaml 5.3.1

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1.111 json-cpp 1.9.4

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1.112 nettle 3.5.1

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1.113 ustr 1.0.4.16

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```
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```

```
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```

```
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```
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This is free software, and you are welcome to redistribute it  
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```


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

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```

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```

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

```
That's all there is to it!  
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Version 1.1 - 26 February 2007

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1.118 subwrap 0.1.0

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1.120 libnl3 3.2.21

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1.121 linux-kernel 5.4.164

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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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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*
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1.122 lua 5.4.2

1.122.1 Available under license :

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Found in path(s):

* /opt/cola/permits/1117084974_1608110407.29/0/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/manual/manual.of

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#!/usr/bin/env lua5.3

-- special marks:

-- \1 - paragraph (empty line)

-- \4 - remove spaces around it
-- \3 - ref (followed by label)

```
-----  
header = [[  
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">  
<html>  
  
<head>  
<title>Lua 5.4 Reference Manual</title>  
<meta http-equiv="Content-Type" content="text/html;charset=utf-8">  
<link rel="stylesheet" href="lua.css">  
<link rel="stylesheet" href="manual.css">  
</head>  
  
<body bgcolor="#FFFFFF">  
  
<hr>  
<h1>  
<a href="http://www.lua.org/home.html"></a>  
Lua 5.4 Reference Manual  
</h1>  
  
by Roberto Ierusalimschy, Luiz Henrique de Figueiredo, Waldemar Celes  
<p>  
<small>  
<a href="http://www.lua.org/copyright.html">Copyright</a>  
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</small>  
<hr>  
  
<!-- ===== -->  
<p>  
  
]]  
  
footer = "\n\n</body></html>\n\n"  
  
local seefmt = '(see %s)'  
  
if arg[1] == 'port' then  
  seefmt = '(ver %s)'  
  header = string.gsub(header, "by (-)\n",  
    "%1\n<p>Tradu&ccedil;&atilde;o S&eacute;rgio Queiroz de Medeiros", 1)  
  header = string.gsub(header, "Lua (%d+.%d+) Reference Manual",  
    "Manual de Refer&ecirc;ncia de Lua %1")  
  header = string.gsub(header, "All rights reserved",  
    "Todos os direitos reservados")  
end
```

end

```
local function compose (f,g)
  assert(f and g)
  return function (s) return g(f(s)) end
end
```

```
local function concat (f, g)
  assert(f and g)
  return function (s) return f(s) .. g(s) end
end
```

```
local Tag = { }
```

```
setmetatable(Tag, {
  __index = function (t, tag)
    local v = function (n, att)
      local e = ""
      if type(att) == "table" then
        for k,v in pairs(att) do e = string.format("%s %s=\"%s\"", e, k, v) end
      end
      if n then
        return string.format("<%s%s>%s</%s>", tag, e, n, tag)
      else
        return string.format("<%s%s>", tag, e)
      end
    end
    t[tag] = v
    return v
  end
})
```

```
local labels = { }
```

```
local function anchor (text, label, link, textlink)
  if labels[label] then
    error("label " .. label .. " already defined")
  end
  labels[label] = { text = textlink, link = link }
```



```
footnotes = { }
return line .. Tag.h3"footnotes:" .. fn .. line
end
```

```
local Glists = 0
local listings = { }
```

```
local function dischargelist ()
  if #listings == 0 then return "" end
  local l = listings
  listings = { }
  return line .. table.concat(l, line..line) .. line
end
```

```
-----
local counters = {
  h1 = { val = 1 },
  h2 = { father = "h1", val = 1 },
  h3 = { father = "h2", val = 1 },
  listing = { father = "h1", val = 1 },
}
```

```
local function inccounter (count)
  counters[count].val = counters[count].val + 1
  for c, v in pairs(counters) do
    if v.father == count then v.val = 1 end
  end
end
```

```
local function getcounter (count)
  local c = counters[count]
  if c.father then
    return getcounter(c.father) .. "." .. c.val
  else
    return c.val .. ""
  end
end
```

```
-----
local function fixed (x)
  return function () return x end
end
```

```
local function id (x) return x end
```



```
local function prepos (x, y)
  assert(x and y)
  return function (s) return string.format("%s%s%s", x, s, y) end
end
```

```
local rw = Tag.b
```

```
local function LuaName (name)
  return Tag.code(name)
end
```

```
local function getparam (s)
  local i, e = string.find(s, "^[%s@|]+")
  if not i then return nil, s
  else return string.sub(s, i, e - 1), string.sub(s, e + 1)
  end
end
```

```
local function gettitle (h)
  local title, p = assert(string.match(h, "<title>(.-)</title>()"))
  return title, string.sub(h, p)
end
```

```
local function getparamtitle (what, h, nonum)
  local label, title, c, count
  label, h = getparam(h)
  title, h = gettitle(h)
  if not nonum then
    count = getcounter(what)
    inccounter(what)
    c = string.format("%s &ndash; ", count)
  else
    c = ""
  end
  label = label or count
  if label then
    title = anchor(title, label, count, "&sect;.."..count)
  end
  title = string.format("%s%s", c, title)
  return title, h
end
```

```

local function section (what, nonum)
return function (h)
    local title
    title, h = getparamtitle(what, h, nonum)
    local fn = what == "h1" and dischargefoots() or ""
    h = fixpara(Tag.p(h))
    return "</p>\n" .. Tag[what](title) .. h .. fn ..
        dischargelist() .. "<p>"
end
end

```

```

local function verbatim (s)
s = nopara(s)
s = string.gsub(s, "\n", "\n ")
s = string.gsub(s, "\n%s*$", "\n")
return Tag.pre(s)
end

```

```

local function verb (s)
return Tag.code(s)
end

```

```

local function lua2link (e)
return string.find(e, "luaL?_") and e or "pdf-" .. e
end

```

```

local verbfixed = verb

```

```

local Tex = {

```

```

    ANSI = function (func)
        return "ISO&nbsp;C function " .. Tag.code(func)
    end,
    At = fixed "@",
    B = Tag.b,
    bigskip = fixed "",
    bignum = id,
    C = fixed "",
    Ci = prepos("<!-- ", " -->"),
    CId = function (func)
        return "C&nbsp;function " .. Tag.code(func)
    end,
    chapter = section "h1",

```

```

Char = compose(verbfixed, prepos("", "")),
Cdots = fixed"&middledot;&middledot;&middledot;",
Close = fixed"}",
col = Tag.td,
defid = function (name)
    local l = lua2link(name)
    local c = Tag.code(name)
    return anchor(c, l, l, c)
end,
def = Tag.em,
description = compose(nopara, Tag.ul),
Em = fixed("\4" .. "&mdash;" .. "\4"),
emph = Tag.em,
emphx = Tag.em, -- emphasis plus index (if there was an index)
En = fixed("&ndash;"),
format = fixed"",
["false"] = fixed(Tag.b"false"),
id = Tag.code,
idx = Tag.code,
index = fixed"",
Lidx = fixed"", -- Tag.code,
ldots = fixed"... ",
x = id,
itemize = compose(nopara, Tag.ul),
leq = fixed"&le;",
Lid = function (s)
    return makeref(lua2link(s))
end,
M = Tag.em,
N = function (s) return (string.gsub(s, " ", "&nbsp;")) end,
NE = id, -- tag"foreignphrase",
num = id,
["nil"] = fixed(Tag.b"nil"),
fail = fixed(Tag.b"fail"),
Open = fixed"{ ",
part = section("h1", true),
Pat = compose(verbfixed, prepos("", "")),
preface = section("h1", true),
psect = section("h2", true),
Q = prepos("", ""),
refchp = makeref,
refcode = makeref,
refsec = makeref,

pi = fixed"&pi;",
rep = Tag.em, -- compose(prepos("&lt;", "&gt;"), Tag.em),
Rw = rw,
rw = rw,

```

```

sb = Tag.sub,
sp = Tag.sup,
St = compose(verbfixed, prepos("", "")),
sect1 = section"h1",
sect2 = section"h2",
sect3 = section"h3",
sect4 = section("h4", true),
simplesect = id,
Tab2 = function (s) return Tag.table(s, { border=1 }) end,
row = Tag.tr,
title = Tag.title,
todo = Tag.todo,
["true"] = fixed(Tag.b"true"),
T = verb,

item = function (s)
    local t, p = string.match(s, "^(^[^n]+)()")
    if t then
        s = string.sub(s, p)
        s = Tag.b(t.." ") .. s
    end
    return Tag.li(fixpara(s))
end,

verbatim = verbatim,

manual = id,

-- for the manual

link =function (s)
    local l, t = getparam(s)
    assert(l)
    return string.format("%s (%s)", t, makeref(l))
end,

see = function (s) return string.format(seefmt, makeref(s)) end,
See = makeref,
seeC = function (s)
    return string.format(seefmt, makeref(s))
end,

seeF = function (s)
    return string.format(seefmt, makeref(lua2link(s)))
end,

APIEntry = function (e)

```

```

local h, name
h, e = string.match(e, "^%s*(-)%s*(.*)$")
name = string.match(h, "(luaL?_[%w_]+)%? +%(") or
      string.match(h, "luaL?_[%w_]+")
local a = anchor(Tag.code(name), name, name, Tag.code(name))
local apiicmd, ne = string.match(e, "^(</span>)(.*)")
--io.stderr:write(e)
if not apiicmd then
  return antipara(Tag.hr() .. Tag.h3(a)) .. Tag.pre(h) .. e
else
  return antipara(Tag.hr() .. Tag.h3(a)) .. apiicmd .. Tag.pre(h) .. ne
end
end,

```

```

LibEntry = function (e)
  local h, name
  h, e = string.match(e, "^(-)|(.)$")
  name = string.gsub(h, "(.+)", "")
  local l = lua2link(name)
  local a = anchor(Tag.code(h), l, l, Tag.code(name))
  return Tag.hr() .. Tag.h3(a) .. e
end,

```

```

Produc = compose(nopara, Tag.pre),
producname = prepos("\t", " ::= "),
Or = fixed" | ",
VerBar = fixed"&#124;", -- vertical bar
OrNL = fixed" | \4",
bnfNter = prepos("", ""),
bnfopt = prepos("[", "]"),
bnfrep = prepos("{", "}"),
bnfter = compose(Tag.b, prepos("&lsquo;", "&rsquo;")),
producbody = function (s)
  s = string.gsub(s, "%s+", " ")
  s = string.gsub(s, "\4", "\n\t")
  return s
end,

```

```

apii = function (s)
  local pop, push, err = string.match(s, "^(-),(-),(.*)$")
  if pop ~= "?" and string.find(pop, "%W") then
    pop = "(" .. pop .. ")"
  end
  if push ~= "?" and string.find(push, "%W") then
    push = "(" .. push .. ")"
  end
  err = (err == "-") and "&ndash;" or Tag.em(err)
  return Tag.span(

```

```

        string.format("[%s, +%s, %s]", pop, push, err),
        {class="apii"}
    )
end,
}

```

```

local others = prepos("?? ", " ??")

```

```

local function trata (t)
t = string.gsub(t, "@(%w+)(%b{ })", function (w, f)
    f = trata(string.sub(f, 2, -2))
    if type(Tex[w]) ~= "function" then
        io.stderr:write(w .. "\n")
        return others(f)
    else
        return Tex[w](f, w)
    end
end)
return t
end

```

```

-----
-----

```

```

-- read whole book

```

```

t = io.read"*a"

```

```

t = string.gsub(t, "[<>&\128-\255]",
{["<"] = "&lt;";
[">"] = "&gt;";
["&"] = "&amp;";
["\170"] = "&ordf;";
["\186"] = "&ordm;";
["\192"] = "&Agrave;";
["\193"] = "&Aacute;";
["\194"] = "&Acirc;";
["\195"] = "&Atilde;";
["\199"] = "&Ccedil;";
["\201"] = "&Eacute;";
["\202"] = "&Ecirc;";
["\205"] = "&Iacute;";
["\211"] = "&Oacute;";
["\212"] = "&Ocirc;";
["\218"] = "&Uacute;";
["\224"] = "&agrave;";
["\225"] = "&aacute;";
["\226"] = "&acirc;";

```

```

["\227"] = "&atilde;",
["\231"] = "&ccedil;",
["\233"] = "&eacute;",
["\234"] = "&ecirc;",
["\237"] = "&iacute;",
["\243"] = "&oacute;",
["\244"] = "&ocirc;",
["\245"] = "&otilde;",
["\250"] = "&uacute;",
["\252"] = "&uuml;"
})

```

```
t = string.gsub(t, "\n\n+", "\1")
```

```
-- complete macros with no arguments
```

```
t = string.gsub(t, "(@%w+)([^\{ %w])", "%1{ }%2")
```

```
t = trata(t)
```

```
-- correct references
```

```
t = string.gsub(t, "\3(-)\3", ref)
```

```
-- remove extra space (??)
```

```
t = string.gsub(t, "%s*\4%s*", "")
```

```
t = nopara(t)
```

```
-- HTML 3.2 does not need </p> (but complains when it is in wrong places :)
```

```
t = string.gsub(t, "</p>", "")
```

```
io.write(header, t, footer)
```

```
Found in path(s):
```

```
* /opt/cola/permits/1117084974_1608110407.29/0/lu-a-lua-v5-4-2-0-g9d067ab-tar-gz/lu-a-lua-9d067ab/manual/2html
```

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

```
--[[
```

```
*****
```

```
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```

```
*
```

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*****
]]

```

Found in path(s):

```

* /opt/cola/permits/1117084974_1608110407.29/0/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/testes/all.lua
No license file was found, but licenses were detected in source scan.

```

```

/*****
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*****/

```

Found in path(s):

```

* /opt/cola/permits/1117084974_1608110407.29/0/lua-lua-v5-4-2-0-g9d067ab-tar-gz/lua-lua-9d067ab/luas.h

```


1.123 yajl 2.1.0

1.123.1 Available under license :

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1.124 backports-functools-lru-cache 1.5

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1.125 chardet 3.0.2

1.125.1 Available under license :

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

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That's all there is to it!

1.126 polycoreutils 2.8

1.126.1 Available under license :

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

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1.127 glibc 2.23

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@item

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

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@item

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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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1.132 jansson 2.13.1

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1.133 curl 7.88.1

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1.134 hostapd 2.9

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Source code files were moved around in v0.6.x releases and compared to earlier releases, the programs are now built by first going to a subdirectory (wpa_supplicant or hostapd) and creating build configuration (.config) and running 'make' there (for Linux/BSD/cygwin builds).

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1.136 openssl 1.1.1s

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```
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```

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```
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```

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

1.137 libcap 2.25

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```

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1.139 vcversioner 2.16.0.0-2.ph4

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Metadata-Version: 1.1

Name: vcversioner

Version: 2.16.0.0

Summary: Use version control tags to discover version numbers

Home-page: <https://github.com/habnabit/vcversioner>

Author: Aaron Gallagher

Author-email: [_@habnab.it](mailto: @_@habnab.it)

License: ISC

Description: .. image:: <https://travis-ci.org/habnabit/vcversioner.png>

```
=====  
vcversioner  
=====
```

``Elevator pitch`_`: you can write a ```setup.py``` with no version information specified, and `vcversioner` will find a recent, properly-formatted VCS tag and extract a version from it.

It's much more convenient to be able to use your version control system's tagging mechanism to derive a version number than to have to duplicate that information all over the place. I eventually ended up copy-pasting the same code into a couple different ```setup.py``` files just to avoid duplicating version information. But, copy-pasting is dumb and unit testing ```setup.py``` files is hard. This code got factored out into `vcversioner`.

Basic usage

`vcversioner` installs itself as a `setuptools` hook, which makes its use exceedingly simple::

```

from setuptools import setup

setup(
    # [...]
    setup_requires=['vcversioner'],
    vcversioner={},
)

```

The presence of a `vcversioner` argument automatically activates `vcversioner` and updates the project's version. The parameter to the `vcversioner` argument can also be a dict of keyword arguments which `find_version` will be called with.

To allow tarballs to be distributed without requiring a `.git` (or `.hg`, etc.) directory, `vcversioner` will also write out a file named (by default) `version.txt`. Then, if there is no VCS program or the program is unable to find any version information, `vcversioner` will read version information from the `version.txt` file. However, this file needs to be included in a distributed tarball, so the following line should be added to `MANIFEST.in`:

```
include version.txt
```

This isn't necessary if `setup.py` will always be run from a checkout, but otherwise is essential for `vcversioner` to know what version to use.

The name `version.txt` also can be changed by specifying the `version_file` parameter. For example::

```

from setuptools import setup

setup(
    # [...]
    setup_requires=['vcversioner'],
    vcversioner={
        'version_file': 'custom_version.txt',
    },
)

```

For compatibility with `semantic versioning`, `vcversioner` will strip leading `v`s from version tags. That is, the tag `v1.0` will be treated as if it was `1.0`.

Other prefixes can be specified to be stripped by using the `strip_prefix` argument to `vcversioner`. For compatibility with `git-dch`, one could specify the `strip_prefix` as `'debian/'`.

Non-hook usage

It's not necessary to depend on `vcversioner`; while ``pip`_` will take care of dependencies automatically, sometimes having a self-contained project is simpler. `vcversioner` is a single file which is easy to add to a project. Simply copy the entire `vcversioner.py` file adjacent to the existing `setup.py` file and update the usage slightly::

```
from setuptools import setup
import vcversioner

setup(
    # [...]
    version=vcversioner.find_version().version,
)
```

This is necessary because the `vcversioner` distutils hook` won't be available.

Version modules

`setup.py` isn't the only place that version information gets duplicated. By generating a version module, the `__init__.py` file of a package can import version information. For example, with a package named `spam`::`

```
from setuptools import setup

setup(
    # [...]
    setup_requires=['vcversioner'],
    vcversioner={
        'version_module_paths': ['spam/_version.py'],
    },
)
```

This will generate a `spam/_version.py` file that defines `__version__` and __revision__`. Then, in spam/_init__.py`::`

```
from spam._version import __version__, __revision__
```

Since this acts like (and *is**) a regular python module, changing `MANIFEST.in` is not required.`

Customizing VCS commands

vcversioner by default tries to detect which VCS is being used and picks a command to run based on that. For git, that is `git --git-dir %(root)s/.git describe --tags --long`. For hg, that is `hg log -R %(root)s -r . --template '{latesttag}-{latesttagdistance}-hg{node|short}'`.

Any command should output a string that describes the current commit in the format `<version number>-<number of commits between the current commit and the version tagged commit>-<revision>`. The revision should have a VCS-specific prefix, e.g. `g` for git and `hg` for hg.

However, sometimes this isn't sufficient. If someone wanted to only use annotated tags, the git command could be amended like so::

```
from setuptools import setup

setup(
    # [...]
    setup_requires=['vcversioner'],
    vcversioner={
        'vcs_args': ['git', 'describe', '--long'],
    },
)
```

The `vcs_args` parameter must always be a list of strings, which will not be interpreted by the shell. This is the same as what `subprocess.Popen` expects.

This argument used to be spelled `git_args` until support for multiple VCS systems was added.

Development versions

vcversioner can also automatically make a version that corresponds to a commit that isn't itself tagged. Following `PEP 386`, this is done by adding a `.post` suffix to the version specified by a tag on an earlier commit. For example, if the current commit is three revisions past the `1.0` tag, the computed version will be `1.0.post3`.

This behavior can be disabled by setting the `include_dev_version` parameter to `False`. In that case, the aforementioned untagged commit's version would be just `1.0`.

Since hg requires a commit to make a tag, there's a parameter

```decrement_dev_version``` to subtract one from the number of commits after the most recent tag. If the VCS used is detected to be hg (i.e. the revision starts with ```hg```) and ```decrement_dev_version``` is not specified as ```False```, ```decrement_dev_version``` will be automatically set to ```True```.

## Project roots

-----

In order to prevent contamination from other source repositories, `vcversioner` in the 1.x version series will only look in the project root directory for repositories. The project root defaults to the current working directory, which is often the case when running `setup.py`. This can be changed by specifying the ```root``` parameter. Someone concerned with being able to run `setup.py` from directories other than the directory containing `setup.py` should determine the project root from ```__file__``` in `setup.py`:

```
from setuptools import setup
import os

setup(
 # [...]
 setup_requires=['vcversioner'],
 vcversioner={
 'root': os.path.dirname(os.path.abspath(__file__)),
 },
)
```

To get the same behavior in the 0.x version series, ```vcs_args``` can be set to include the ```--git-dir``` flag:

```
from setuptools import setup

setup(
 # [...]
 setup_requires=['vcversioner'],
 vcversioner={
 vcs_args=['git', '--git-dir', '%(root)s/.git', 'describe',
 '--tags', '--long'],
 },
)
```

By default, ```version.txt``` is also read from the project root.

## Substitutions

~~~~~

As seen above, `*root*`, `*version_file*`, and `*vcs_args*` each support some substitutions:

```
``%(root)s``
```

The value provided for `*root*`. This is not available for the `*root*` parameter itself.

```
``%(pwd)s``
```

The current working directory.

```/``` will automatically be translated into the correct path separator for the current platform, such as ```:``` or ```\```.

Sphinx documentation

``Sphinx`_` documentation is yet another place where version numbers get duplicated. Fortunately, since sphinx configuration is python code, `vcversioner` can be used there too. Assuming `vcversioner` is installed system-wide, this is quite easy. Since Sphinx is typically run with the current working directory as ```<your project root>/docs```, it's necessary to tell `vcversioner` where the project root is. Simply change your ```conf.py``` to include::

```
import vcversioner
version = release = vcversioner.find_version(root='.').version
```

This assumes that your project root is the parent directory of the current working directory. A slightly longer version which is a little more robust would be::

```
import vcversioner, os
version = release = vcversioner.find_version(
    root=os.path.dirname(os.path.dirname(os.path.abspath(__file__))))).version
```

This version is more robust because it finds the project root not relative to the current working directory but instead relative to the ```conf.py``` file.

If `vcversioner` is bundled with your project instead of relying on it being installed, you might have to add the following to your ```conf.py``` before ```import vcversioner```::

```
import sys, os
sys.path.insert(0, os.path.abspath('.'))
```

This line, or something with the same effect, is sometimes already present when using the sphinx ```autodoc``` extension.

Read the Docs

~~~~~

Using `vcversioner` is even possible when building documentation on `Read the Docs`. If `vcversioner` is bundled with your project, nothing further needs to be done. Otherwise, you need to tell Read the Docs to install `vcversioner` before it builds the documentation. This means using a `requirements.txt` file.

If your project is already set up to install dependencies with a `requirements.txt` file, add `vcversioner` to it. Otherwise, create a `requirements.txt` file. Assuming your documentation is in a `docs` subdirectory of the main project directory, create `docs/requirements.txt` containing a `vcversioner` line.

Then, make the following changes to your project's configuration: (Project configuration is edited at e.g.

<https://readthedocs.org/dashboard/vcversioner/edit/>)

- Check the checkbox under `Use virtualenv`.
- If there was no `requirements.txt` previously, set the `Requirements file` to the newly-created one, e.g. `docs/requirements.txt`.

```
.. _Elevator pitch: http://en.wikipedia.org/wiki/Elevator\_pitch
.. _pip: https://pypi.python.org/pypi/pip
.. _PEP 386: http://www.python.org/dev/peps/pep-0386/
.. _Sphinx: http://sphinx-doc.org
.. _Read the Docs: https://readthedocs.org/
.. _semantic versioning: http://semver.org/

.. |find_version| replace:: find_version
```

Platform: UNKNOWN

Classifier: Development Status :: 3 - Alpha

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: ISC License (ISCL)

Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Topic :: Software Development :: Version Control

Found in path(s):

\* /opt/cola/permits/1175617864\_1626889955.84/0/vcversioner-2-16-0-0-1-tar-gz/vcversioner-

2.16.0.0/vcversioner.egg-info/PKG-INFO

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2.16.0.0/vcversioner.py

## 1.140 pyyaml 4.1

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## 1.141 zlib 1.2.12

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\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.12, March 11th, 2022

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jloup@gzip.org      madler@alumni.caltech.edu

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

\*/

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# 1.142 bridgeutils 1.7.1

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Version 2, June 1991

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(For example, a function in a library to compute square roots has

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```
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```

```
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Metadata-Version: 2.1

Name: nanopb

Version: 0.4.5.post1

Summary: Nanopb is a small code-size Protocol Buffers implementation in ansi C. It is especially suitable for use in microcontrollers, but fits any memory restricted system.

Home-page: <https://jpa.kapsi.fi/nanopb/>

License: Zlib

Keywords: protobuf,protoc

Author: Petteri Aimonen

Author-email: [jpa@npb.mail.kapsi.fi](mailto:jpa@npb.mail.kapsi.fi)

Requires-Python: >=2.7

Classifier: License :: OSI Approved

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

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Classifier: Programming Language :: Python :: 3.7  
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Classifier: Programming Language :: Python :: 3.9  
Classifier: Topic :: Software Development :: Build Tools  
Provides-Extra: grpcio-tools  
Requires-Dist: grpcio-tools (>=1.26.0rc1); extra == "grpcio-tools"  
Requires-Dist: protobuf (>=3.6)  
Project-URL: Documentation, <https://jpa.kapsi.fi/nanopb/docs/index.html>  
Project-URL: Repository, <https://github.com/nanopb/nanopb/>  
Description-Content-Type: text/markdown

## Nanopb - Protocol Buffers for Embedded Systems

=====

[![Build Status](<https://travis-ci.com/nanopb/nanopb.svg?branch=master>)](<https://travis-ci.com/nanopb/nanopb>)

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### Using the nanopb library

-----

To use the nanopb library, you need to do two things:

1. Compile your .proto files for nanopb, using `protoc`.
2. Include `*pb_encode.c*`, `*pb_decode.c*` and `*pb_common.c*` in your project.

The easiest way to get started is to study the project in "examples/simple". It contains a Makefile, which should work directly under most Linux systems. However, for any other kind of build system, see the manual steps in README.txt in that folder.

### Generating the headers

-----

Protocol Buffers messages are defined in a `.proto` file, which follows a standard format that is compatible with all Protocol Buffers libraries. To use it with nanopb, you need to generate `.pb.c` and `.pb.h` files from it:

```
python generator/nanopb_generator.py myprotocol.proto # For source checkout
```

```
generator-bin/nanopb_generator myprotocol.proto    # For binary package
```

(Note: For instructions for nanopb-0.3.9.x and older, see the documentation of that particular version [here]([https://github.com/nanopb/nanopb/blob/maintenance\\_0.3/README.md](https://github.com/nanopb/nanopb/blob/maintenance_0.3/README.md)))

The binary packages for Windows, Linux and Mac OS X should contain all necessary dependencies, including Python, python-protobuf library and protoc. If you are using a git checkout or a plain source distribution, you will need to install Python separately. Once you have Python, you can install the other dependencies with ``pip install protobuf grpcio-tools``.

You can further customize the header generation by creating an ``.options`` file. See [documentation](<https://jpa.kapsi.fi/nanopb/docs/concepts.html#modifying-generator-behaviour>) for details.

### Running the tests

-----

If you want to perform further development of the nanopb core, or to verify its functionality using your compiler and platform, you'll want to run the test suite. The build rules for the test suite are implemented using Scons, so you need to have that installed (ex: ``sudo apt install scons`` or ``pip install scons``).

To run the tests:

```
cd tests
scons
```

This will show the progress of various test cases. If the output does not end in an error, the test cases were successful.

Note: Mac OS X by default aliases 'clang' as 'gcc', while not actually supporting the same command line options as gcc does. To run tests on Mac OS X, use: ``scons CC=clang CXX=clang``. Same way can be used to run tests with different compilers on any platform.

For embedded platforms, there is currently support for running the tests on STM32 discovery board and [simavr](<https://github.com/buserror/simavr>) AVR simulator. Use ``scons PLATFORM=STM32`` and ``scons PLATFORM=AVR`` to run these tests.

### Build systems and integration

-----

Nanopb C code itself is designed to be portable and easy to build on any platform. Often the bigger hurdle is running the generator which takes in the ``.proto`` files and outputs ``.pb.c`` definitions.

There exist build rules for several systems:



```
* **Makefiles**:`extra/nanopb.mk`, see `examples/simple`  
* **CMake**:`extra/FindNanopb.cmake`, see `examples/cmake`  
* **SCons**:`tests/site_scons` (generator only)  
* **Bazel**:`BUILD` in source root  
* **Conan**:`conanfile.py` in source root  
* **PlatformIO**:`https://platformio.org/lib/show/431/Nanopb`  
* **PyPI/pip**:`https://pypi.org/project/nanopb/`
```

And also integration to platform interfaces:

```
* **Arduino**:`http://platformio.org/lib/show/1385/nanopb-arduino`
```

Building nanopb - Using vcpkg

-----

You can download and install nanopb using the [vcpkg](<https://github.com/Microsoft/vcpkg>) dependency manager:

```
git clone https://github.com/Microsoft/vcpkg.git  
cd vcpkg  
./bootstrap-vcpkg.sh  
./vcpkg integrate install  
./vcpkg install nanopb
```

The nanopb port in vcpkg is kept up to date by Microsoft team members and community contributors. If the version is out of date, please [create an issue or pull request](<https://github.com/Microsoft/vcpkg>) on the vcpkg repository.

Found in path(s):

```
* /opt/cola/permits/1176040500_1625608205.61/0/nanopb-0-4-5-post1-tar-gz/nanopb-0.4.5.post1/PKG-INFO  
No license file was found, but licenses were detected in source scan.
```

This function is under the MIT license.

Found in path(s):

```
* /opt/cola/permits/1176040500_1625608205.61/0/nanopb-0-4-5-post1-tar-gz/nanopb-  
0.4.5.post1/nanopb/generator/nanopb_generator.py  
No license file was found, but licenses were detected in source scan.
```

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```

Found in path(s):

\* /opt/cola/permits/1176040500\_1625608205.61/0/nanopb-0-4-5-post1-tar-gz/nanopb-0.4.5.post1/nanopb/generator/proto/google/protobuf/descriptor.proto

# 1.149 e2fsprogs 1.42.12

## 1.149.1 Available under license :

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

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

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\*/

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
- 
- Copyright (C) Andrew Tridgell            2005
- + Copyright (C) Andrew Tridgell            1999-2005
- + Copyright (C) Jeremy Allison            2000-2006
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Theodore Ts'o  
23-June-2007

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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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Ty Coon, President of Vice

That's all there is to it!

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



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

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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

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

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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) $(LD_FLAGS_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)
```

This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

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

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Gadi Oxman, August 1995

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#### END OF TERMS AND CONDITIONS

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

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

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

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

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You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

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

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

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

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

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

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

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

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.

# 1.150 falcon 1.1.0

## 1.150.1 Available under license :

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

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Found in path(s):

\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/README.rst

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

Metadata-Version: 1.1

Name: falcon

Version: 1.1.0

Summary: An unladen web framework for building APIs and app backends.

Home-page: <http://falconframework.org>

Author: Kurt Griffiths

Author-email: [mail@kgriffs.com](mailto:mail@kgriffs.com)

License: Apache 2.0

Description: Falcon |[Docs](#)| |[Build Status](#)| |[codecov.io](#)|

=====

Perfection is finally attained not when there is no longer anything to add, but when there is no longer anything to take away.

\*- Antoine de Saint-Exup©ry\*

Falcon is a `high-performance Python framework <<http://falconframework.org/index.html>>`\_\_ for building cloud APIs. It encourages the REST architectural style, and tries to do as little as possible while remaining `highly effective <<http://falconframework.org/index.html#Benefits>>`\_\_.

Quick Links

-----

\* `Read the docs <<https://falcon.readthedocs.io/en/stable>>`\_\_.  
\* `Join the discussion group <<https://groups.google.com/forum/#!forum/falconframework>>`\_\_.  
\* `Hang out in #falconframework on freenode <<https://kiwiirc.com/client/irc.freenode.net/?#falconframework>>`\_\_.

Design Goals

-----

**\*\*Fast.\*\*** Cloud APIs need to turn around requests quickly, and make efficient use of hardware. This is particularly important when serving many concurrent requests. Falcon is among the fastest WSGI frameworks available, processing requests `several times faster <http://falconframework.org/#Metrics>`__`` than other Python web frameworks.

**\*\*Light.\*\*** Only the essentials are included, with `six` and `mimemagic` being the only dependencies outside the standard library. We work hard to keep the code lean, making Falcon easier to test, secure, optimize, and deploy.

**\*\*Flexible.\*\*** Falcon is not opinionated when it comes to talking to databases, rendering content, authorizing requests, etc. You are free to mix and match your own favorite libraries. Falcon apps work with any WSGI server, and run great under `CPython 2.6-2.7`, `Jython 2.7`, and `CPython 3.3-3.5 <https://travis-ci.org/falconry/falcon>`__``.

#### Features

-----

- Highly-optimized, extensible code base
- Intuitive routing via URI templates and REST-inspired resource classes
- Easy access to headers and bodies through request and response classes
- DRY request processing via middleware components and hooks
- Idiomatic HTTP error responses
- Straightforward exception handling
- Snappy unit testing through WSGI helpers and mocks
- `CPython 2.6-2.7`, `PyPy`, `Jython 2.7`, and `CPython 3.3-3.5` support
- ~20% speed boost when Cython is available

#### Who's Using Falcon?

-----

Falcon is used around the world by a growing number of organizations, including:

- 7ideas
- Cronitor
- EMC
- Hurricane Electric
- Leadpages
- OpenStack
- Rackspace
- Shiftgig

- tempfil.es
- Opera Software

If you are using the Falcon framework for a community or commercial project, please consider adding your information to our wiki under [`Who's Using Falcon? <https://github.com/falconry/falcon/wiki/Who's-using-Falcon%3F>`](https://github.com/falconry/falcon/wiki/Who's-using-Falcon%3F)

You might also like to view our [`Add-on Catalog <https://github.com/falconry/falcon/wiki/Add-on-Catalog>`](https://github.com/falconry/falcon/wiki/Add-on-Catalog), where you can find a list of add-ons maintained by the community.

## Installation

-----

### PyPy

^^^

[`PyPy <http://pypy.org/>`](http://pypy.org/) is the fastest way to run your Falcon app. However, note that only the PyPy 2.7 compatible release is currently supported.

.. code:: bash

```
$ pip install falcon
```

### CPython

^^^^^^

Falcon also fully supports

[`CPython <https://www.python.org/downloads/>`](https://www.python.org/downloads/) 2.6-3.5.

A universal wheel is available on PyPI for the the Falcon framework.

Installing it is as simple as:

.. code:: bash

```
$ pip install falcon
```

Installing the wheel is a great way to get up and running with Falcon quickly in a development environment, but for an extra speed boost when deploying your application in production, Falcon can compile itself with Cython.

The following commands tell pip to install Cython, and then to invoke Falcon's ```setup.py```, which will in turn detect the presence of Cython and then compile (AKA cythonize) the Falcon framework with the system's default C compiler.

```
.. code:: bash
```

```
$ pip install cython
$ pip install --no-binary :all: falcon
```

**\*\*Installing on OS X\*\***

Xcode Command Line Tools are required to compile Cython. Install them with this command:

```
.. code:: bash
```

```
$ xcode-select --install
```

The Clang compiler treats unrecognized command-line options as errors; this can cause problems under Python 2.6, for example:

```
.. code:: bash
```

```
clang: error: unknown argument: '-mno-fused-madd' [-Wunused-command-line-argument-hard-error-in-future]
```

You might also see warnings about unused functions. You can work around these issues by setting additional Clang C compiler flags as follows:

```
.. code:: bash
```

```
$ export CFLAGS="-Qunused-arguments -Wno-unused-function"
```

Dependencies

^^^^^^^^^^^^^^

Falcon depends on `six` and `python-mimeparse`. `python-mimeparse` is a better-maintained fork of the similarly named `mimeparse` project. Normally the correct package will be selected by Falcon's `setup.py`. However, if you are using an alternate strategy to manage dependencies, please take care to install the correct package in order to avoid errors.

WSGI Server

-----

Falcon speaks WSGI, and so in order to serve a Falcon app, you will need a WSGI server. Gunicorn and uWSGI are some of the more popular ones out there, but anything that can load a WSGI app will do.

```
.. code:: bash
```

```
$ pip install [gunicorn|uwsgi]
```

## Source Code

-----

Falcon lives on GitHub <<https://github.com/falconry/falcon>>, making the code easy to browse, download, fork, etc. Pull requests are always welcome! Also, please remember to star the project if it makes you happy. :)

Once you have cloned the repo or downloaded a tarball from GitHub, you can install Falcon like this:

```
.. code:: bash
```

```
$ cd falcon
$ pip install .
```

Or, if you want to edit the code, first fork the main repo, clone the fork to your desktop, and then run the following to install it using symbolic linking, so that when you change your code, the changes will be automatically available to your app without having to reinstall the package:

```
.. code:: bash
```

```
$ cd falcon
$ pip install -e .
```

You can manually test changes to the Falcon framework by switching to the directory of the cloned repo and then running pytest:

```
.. code:: bash
```

```
$ cd falcon
$ pip install -r tools/test-requirements
$ pytest tests
```

Or, to run the default set of tests:

```
.. code:: bash
```

```
$ pip install tox && tox
```

See also the `tox.ini` <<https://github.com/falconry/falcon/blob/master/tox.ini>> file for a full list of available environments.

Read the docs

-----

The docstrings in the Falcon code base are quite extensive, and we recommend keeping a REPL running while learning the framework so that you can query the various modules and classes as you have questions.

Online docs are available at: <https://falcon.readthedocs.io>

You can build the same docs locally as follows:

```
.. code:: bash
```

```
$ pip install tox && tox -e docs
```

Once the docs have been built, you can view them by opening the following index page in your browser. On OS X it's as simple as::

```
$ open docs/_build/html/index.html
```

Or on Linux:

```
$ xdg-open docs/_build/html/index.html
```

Getting started

-----

Here is a simple, contrived example showing how to create a Falcon-based API.

```
.. code:: python
```

```
# things.py
```

```
# Let's get this party started!
```

```
import falcon
```

```
# Falcon follows the REST architectural style, meaning (among  
# other things) that you think in terms of resources and state  
# transitions, which map to HTTP verbs.
```

```
class ThingsResource(object):
```

```
    def on_get(self, req, resp):
```

```
        """Handles GET requests"""
```

```
        resp.status = falcon.HTTP_200 # This is the default status
```

```
        resp.body = ('\nTwo things awe me most, the starry sky '
```

```
                    'above me and the moral law within me.\n'
```

```
                    '\n'
```

```
                    ' ~ Immanuel Kant\n\n')
```

```
# falcon.API instances are callable WSGI apps
```



```
app = falcon.API()

# Resources are represented by long-lived class instances
things = ThingsResource()

# things will handle all requests to the '/things' URL path
app.add_route('/things', things)
```

You can run the above example using any WSGI server, such as uWSGI or Gunicorn. For example:

```
.. code:: bash

$ pip install gunicorn
$ gunicorn things:app
```

Then, in another terminal:

```
.. code:: bash

$ curl localhost:8000/things
```

A more complex example

-----

Here is a more involved example that demonstrates reading headers and query parameters, handling errors, and working with request and response bodies.

```
.. code:: python

import json
import logging
import uuid
from wsgiref import simple_server

import falcon
import requests

class StorageEngine(object):

    def get_things(self, marker, limit):
        return [{'id': str(uuid.uuid4()), 'color': 'green'}]

    def add_thing(self, thing):
        thing['id'] = str(uuid.uuid4())
        return thing
```

```

class StorageError(Exception):

    @staticmethod
    def handle(ex, req, resp, params):
        description = ('Sorry, couldn\'t write your thing to the '
                      'database. It worked on my box.')

        raise falcon.HTTPError(falcon.HTTP_725,
                              'Database Error',
                              description)

class SinkAdapter(object):

    engines = {
        'ddg': 'https://duckduckgo.com',
        'y': 'https://search.yahoo.com/search',
    }

    def __call__(self, req, resp, engine):
        url = self.engines[engine]
        params = {'q': req.get_param('q', True)}
        result = requests.get(url, params=params)

        resp.status = str(result.status_code) + ' ' + result.reason
        resp.content_type = result.headers['content-type']
        resp.body = result.text

class AuthMiddleware(object):

    def process_request(self, req, resp):
        token = req.get_header('Authorization')
        account_id = req.get_header('Account-ID')

        challenges = ["Token type=\"Fernet\""]

        if token is None:
            description = ('Please provide an auth token '
                          'as part of the request.')

            raise falcon.HTTPUnauthorized('Auth token required',
                                         description,
                                         challenges,
                                         href='http://docs.example.com/auth')

```

```

if not self._token_is_valid(token, account_id):
    description = ('The provided auth token is not valid. '
                  'Please request a new token and try again.')

    raise falcon.HTTPUnauthorized('Authentication required',
                                  description,
                                  challenges,
                                  href='http://docs.example.com/auth')

def _token_is_valid(self, token, account_id):
    return True # Suuuuuure it's valid...

class RequireJSON(object):

    def process_request(self, req, resp):
        if not req.client_accepts_json:
            raise falcon.HTTPNotAcceptable(
                'This API only supports responses encoded as JSON.',
                href='http://docs.examples.com/api/json')

        if req.method in ('POST', 'PUT'):
            if 'application/json' not in req.content_type:
                raise falcon.HTTPUnsupportedMediaType(
                    'This API only supports requests encoded as JSON.',
                    href='http://docs.examples.com/api/json')

class JSONTranslator(object):

    def process_request(self, req, resp):
        # req.stream corresponds to the WSGI wsgi.input environ variable,
        # and allows you to read bytes from the request body.
        #
        # See also: PEP 3333
        if req.content_length in (None, 0):
            # Nothing to do
            return

        body = req.stream.read()
        if not body:
            raise falcon.HTTPBadRequest('Empty request body',
                                        'A valid JSON document is required.')

        try:
            req.context['doc'] = json.loads(body.decode('utf-8'))

        except (ValueError, UnicodeDecodeError):

```

```

        raise falcon.HTTPError(falcon.HTTP_753,
                               'Malformed JSON',
                               'Could not decode the request body. The '
                               'JSON was incorrect or not encoded as '
                               'UTF-8.')
```

```

def process_response(self, req, resp, resource):
    if 'result' not in req.context:
        return

    resp.body = json.dumps(req.context['result'])

def max_body(limit):

    def hook(req, resp, resource, params):
        length = req.content_length
        if length is not None and length > limit:
            msg = ('The size of the request is too large. The body must not '
                  'exceed ' + str(limit) + ' bytes in length.')
```

```

            raise falcon.HTTPRequestEntityTooLarge(
                'Request body is too large', msg)

    return hook

class ThingsResource(object):

    def __init__(self, db):
        self.db = db
        self.logger = logging.getLogger('thingsapp.' + __name__)

    def on_get(self, req, resp, user_id):
        marker = req.get_param('marker') or ''
        limit = req.get_param_as_int('limit') or 50

        try:
            result = self.db.get_things(marker, limit)
        except Exception as ex:
            self.logger.error(ex)

        description = ('Aliens have attacked our base! We will '
                      'be back as soon as we fight them off. '
                      'We appreciate your patience.')
```

```

        raise falcon.HTTPServiceUnavailable(
            'Service Outage',
```

```

        description,
        30)

# An alternative way of doing DRY serialization would be to
# create a custom class that inherits from falcon.Request. This
# class could, for example, have an additional 'doc' property
# that would serialize to JSON under the covers.
req.context['result'] = result

resp.set_header('Powered-By', 'Falcon')
resp.status = falcon.HTTP_200

@falcon.before(max_body(64 * 1024))
def on_post(self, req, resp, user_id):
    try:
        doc = req.context['doc']
    except KeyError:
        raise falcon.HTTPBadRequest(
            'Missing thing',
            'A thing must be submitted in the request body.')

    proper_thing = self.db.add_thing(doc)

    resp.status = falcon.HTTP_201
    resp.location = '/%s/things/%s' % (user_id, proper_thing['id'])

# Configure your WSGI server to load "things.app" (app is a WSGI callable)
app = falcon.API(middleware=[
    AuthMiddleware(),
    RequireJSON(),
    JSONTranslator(),
])

db = StorageEngine()
things = ThingsResource(db)
app.add_route('/{user_id}/things', things)

# If a responder ever raised an instance of StorageError, pass control to
# the given handler.
app.add_error_handler(StorageError, StorageError.handle)

# Proxy some things to another service; this example shows how you might
# send parts of an API off to a legacy system that hasn't been upgraded
# yet, or perhaps is a single cluster that all data centers have to share.
sink = SinkAdapter()
app.add_sink(sink, r'/search/(?P<engine>ddg|y)\Z')

```

```
# Useful for debugging problems in your API; works with pdb.set_trace(). You
# can also use Gunicorn to host your app. Gunicorn can be configured to
# auto-restart workers when it detects a code change, and it also works
# with pdb.
if __name__ == '__main__':
    httpd = simple_server.make_server('127.0.0.1', 8000, app)
    httpd.serve_forever()
```

## Community

-----

The Falcon community maintains a discussion group that you can use to share your ideas and ask questions about the framework. To join the discussion, please visit <https://groups.google.com/d/forum/falconframework>.

Per our

`Code of Conduct <<https://github.com/falconry/falcon/blob/master/CODEOFCONDUCT.md>>`, we expect everyone who participates in community discussions to act professionally, and lead by example in encouraging constructive discussions. Each individual in the community is responsible for creating a positive, constructive, and productive culture.

We also hang out in

`#falconframework <<https://kiwiirc.com/client/irc.freenode.net/?#falconframework>>` on freenode, where everyone is always welcome to ask questions and share ideas.

## Contributing

-----

Kurt Griffiths (kgriffs) is the creator and current maintainer of the Falcon framework, with the generous help of a number of stylish and talented contributors.

Pull requests are always welcome. We use the GitHub issue tracker to organize our work, but you do not need to open a new issue before submitting a PR.

Before submitting a pull request, please ensure you have added/updated the appropriate tests (and that all existing tests still pass with your changes), and that your coding style follows PEP 8 and doesn't cause pyflakes to complain.

Commit messages should be formatted using `AngularJS conventions <<http://goo.gl/QpbS7>>`.

Comments follow `Google's style guide`

<<https://google.github.io/styleguide/pyguide.html?showone=Comments#Comments>>` \_\_,  
with the additional requirement of prefixing inline comments using your  
GitHub nick and an appropriate prefix:

- TODO(riker): Damage report!
- NOTE(riker): Well, that's certainly good to know.
- PERF(riker): Travel time to the nearest starbase?
- APPSEC(riker): In all trust, there is the possibility for betrayal.

See also: `CONTRIBUTING.md` <<https://github.com/falconry/falcon/blob/master/CONTRIBUTING.md>>` \_\_

## Legal

-----

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```
.. |Docs| image:: https://readthedocs.org/projects/falcon/badge/?version=stable
   :target: https://falcon.readthedocs.io/en/stable/?badge=stable
   :alt: Falcon web framework docs
.. |Runner| image:: https://a248.e.akamai.net/assets.github.com/images/icons/emoji/runner.png
   :width: 20
   :height: 20
.. |Build Status| image:: https://travis-ci.org/falconry/falcon.svg
   :target: https://travis-ci.org/falconry/falcon
.. |codecov.io| image:: http://codecov.io/github/falconry/falcon/coverage.svg?branch=master
   :target: http://codecov.io/github/falconry/falcon?branch=master
```

Keywords: wsgi web api framework rest http cloud

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Environment :: Web Environment

Classifier: Natural Language :: English

Classifier: Intended Audience :: Developers  
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Classifier: License :: OSI Approved :: Apache Software License  
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Classifier: Programming Language :: Python :: Implementation :: PyPy  
Classifier: Programming Language :: Python :: Implementation :: Jython  
Classifier: Programming Language :: Python :: 2.6  
Classifier: Programming Language :: Python :: 2.7  
Classifier: Programming Language :: Python :: 3.3  
Classifier: Programming Language :: Python :: 3.4  
Classifier: Programming Language :: Python :: 3.5

Found in path(s):

\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/PKG-INFO  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon.egg-info/PKG-INFO  
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Found in path(s):

\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/util/structures.py  
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Found in path(s):

\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/resource.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/cmd/bench.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/http\_error.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/responders.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/api.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/stats.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/util/misc.py  
\* /opt/cola/permits/1156180158\_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/client.py



```

* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/request_helpers.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/response_helpers.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/redirects.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/routing/__init__.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/cmd/print_routes.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/request.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/errors.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/claims.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/hooks.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/__init__.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-
1.1.0/falcon/bench/queues/messages.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/util/uri.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/response.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/base.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/tools/build.sh
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/status_codes.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/queues/queues.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/version.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/bench.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/api_helpers.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/__init__.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/http_status.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/routing/compiled.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/api.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/routing/util.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/srmock.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/testing/test_case.py
* /opt/cola/permits/1156180158_1619139170.53/0/falcon-1-1-0-tar-gz/falcon-1.1.0/falcon/bench/create.py
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```

## 1.151 html5lib 1.0.1

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## 1.152 uclibc 0.9.33.2

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

X-Original-To: mps@bridge.intra

Delivered-To: mps@bridge.intra

Received: from localhost (localhost [127.0.0.1])

by localhost (Postfix) with ESMTP id B8C814E4F

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

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

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

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

Wed, 1 Mar 2006 20:30:42 +0100 (CET)

Received: from pop.gmx.net (localhost [127.0.0.1])

by mail.bridge.intra (Postfix) with ESMTP id C8C73794D

for <mps@bridge.intra>; Wed, 1 Mar 2006 20:30:38 +0100 (CET)

X-Flags: 0000

Delivered-To: GMX delivery to ps.m@gmx.net

Received: (qmail invoked by alias); 01 Mar 2006 19:23:46 -0000

Received: from mail-red.research.att.com (EHLO mail-white.research.att.com) [192.20.225.110]

by mx0.gmx.net (mx085) with SMTP; 01 Mar 2006 20:23:46 +0100

Received: from raptor.research.att.com (raptor.research.att.com [135.207.23.32])

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for <ps.m@gmx.net>; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Received: (from gsf@localhost)

by raptor.research.att.com (SGI-8.9.3p2/8.8.7) id OAA86112

for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)

Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)

From: Glenn Fowler <gsf@research.att.com>

Message-Id: <200603011923.OAA86112@raptor.research.att.com>

Organization: AT&T Research

X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21

Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>  
To: mps@bridge.intra  
Subject: Re: testregex licensing question  
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)  
X-GMX-Antispam: 0 (Mail was not recognized as spam)  
X-GMX-UID: IJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca  
X-Virus-Scanned: by amavisd-new at localhost  
Status: RO  
X-Status:  
X-Keywords:  
X-UID: 44736

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

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

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

> Hello Glenn!

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

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

> Thanks, Peter

> --

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

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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# 1.154 ustr 1.0.4-16

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-- vile:txtmode file-encoding=utf-8

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-- \$Id: COPYING,v 1.10 2021/01/01 09:54:30 tom Exp \$

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## 1.156 pyudev 0.21.0

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# 1.157 libcap-ng 0.7.3

## 1.157.1 Available under license :

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## 1.158 u-boot 2017.09

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-- Wolfgang Denk

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## 1.161 libevent 2.1.5-beta

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# 1.163 opkg x.x.x

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## 1.168 dosfs-tools 4.2

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