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## 1.4 avahi 0.6.25 :15.el6\_8.1

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

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

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

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

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vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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Besarion Paata Gugushvili

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BPG\_Nino\_Medium\_Cond\_GPL&GNU.ttf

BPG\_Nino\_Medium\_GPL&GNU.ttf

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Version 2.1, February 1999

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## 1.8 cloud-init 0.7.5 :10.el6.centos.2

### 1.8.1 Available under license :

Format-Specification: <http://svn.debian.org/wsvn/dep/web/deps/dep5.mdwn?op=file&rev=135>

Name: cloud-init

Maintainer: Scott Moser <[scott.moser@canonical.com](mailto:scott.moser@canonical.com)>

Source: <https://launchpad.net/cloud-init>

This package was debianized by Soren Hansen <[soren@ubuntu.com](mailto:soren@ubuntu.com)> on Thu, 04 Sep 2008 12:49:15 +0200 as ec2-init. It was later renamed to cloud-utils by Scott Moser <[scott.moser@canonical.com](mailto:scott.moser@canonical.com)>

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## 1.9 cloud-initramfs-tools 0.20 :2.el6

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

Upstream-Name: cloud-initramfs-tools

Files: \*

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## 1.10 cloud-utils 0.27 :10.el6

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Version 3, 29 June 2007

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

```

## 1.13 dash - mksignames.c 0.5.5.1 :4.el6

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

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## 1.14 dracut 004 :409.el6\_8.2



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This package was debianized by Philippe Seewer <philippe.seewer@bfh.ch> on  
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## 1.23 htop 1.0.3 :1.e16

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```
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```

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```
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```

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## 1.24 hunspell-en\_dictionary 0.20090216

### :7.1.el6

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## 1.27 initscripts 9.03.53 :1.el6.centos.1

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## 1.29 java-1.7.0-openjdk\_AGPLv3 1.7.0.121

### :2.6.8.1.el6\_8

#### 1.29.1 Available under license :

```
/* ClassRewriter -- Rewrite package name used in a class.
```

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

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

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

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



this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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

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

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

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

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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.

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

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

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

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

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

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

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

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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 source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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That's all there is to it!

## 1.32 java\_cup\_script 0.10k :5.el6

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

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

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

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

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

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

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

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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## 1.33 kernel 2.6.32 :642.11.1.e16

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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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\* along with this program; if not, write to the Free Software  
\* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.  
\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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## 1.35 libcgroup 0.40.rc1 :18.el6\_8

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Version 2.1, February 1999

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Random Hacker.
```

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

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# 1.36 libdnet 1.12 :6.el6

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## 1.38 libgssglue 0.1 :11.e16

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Thu, 21 Oct 2004 16:54:53 -0400.

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Authors: Kevin Coffman, J. Bruce Fields, et. al.

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# 1.39 libidn\_libs 1.18 :2.el6

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## 1.42 libtiff 3.9.4 :18.el6\_8

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RFC1831: RPC: Remote Procedure Call Protocol Specification  
Version 2 RFC1832: XDR: External Data REpresentation  
Standard RFC1833: Binding Protocols for ONC RPC Version 2  
RFC2078: Generic Security Service Application Program  
Interface, Version 2 RFC2203: RPCSEC\_GSS Protocol

```
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@enumerate a

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@item

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@item

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

@item

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@item

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```
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```
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This is free software, and you are welcome to redistribute it
under certain conditions; type @samp{show c} for details.
@end smallexample
```

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Version 3, 29 June 2007

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## 1.49 mdadm 3.3.4 :1.el6\_8.5

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```

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```

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

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```
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This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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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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ntpstat is copyright (c) G. Richard Keech 2001
```

## 1.57 open-vm-tools 10.0.5 :2.el6

### 1.57.1 Available under license :

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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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LICENSE

open-vm-tools 10.0.0

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## 1.59 openssl-1.0.1e 48.el6\_8.3

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

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bzip2/libbzip2 version 1.0.5 of 10 December 2007

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```
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```

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#### A. HISTORY OF THE SOFTWARE

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

In 1995, Guido continued his work on Python at the Corporation for

National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

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

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

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

2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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## 1.66 python-augeas 0.4.1 :1.el6

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## 1.67 python-backports-ssl\_match\_hostname

### 3.4.0.2 :4.el6.centos

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## 1.69 python-gudev 147.1 :4.el6\_0.1

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## 1.76 python-pygments\_tests-examplefiles

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

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



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

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

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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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We call this license the "Lesser" General Public License because it

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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.

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

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

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## 1.81 ruby-augeas 0.4.1 :3.el6

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```
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```

```
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Upstream Author: Andrew Tridgell <tridge@samba.org>

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## 1.86 swig - WAD 1.3.40 :6.e16

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# 1.87 tar 1.23 :15.el6\_8

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Version 3, 29 June 2007

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```
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## 1.88 tcsh 6.17 :35.el6\_8.1

### 1.88.1 Available under license :

People who have contributed to tcsh for win32 with bugfixes, functionality, and other useful pieces of code. If I've left you out, please let me know !

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* SUCH DAMAGE.
*/
/*
* config.h -- configure various defines for tcsh
*
* All source files should #include this FIRST.
*
* Edit this to match your system type.
*/

#ifndef _h_config
#define _h_config
/***** System dependant compilation flags *****/
/*
* POSIX This system supports IEEE Std 1003.1-1988 (POSIX).
*/
#undef POSIX

/*
* POSIXJOBS This system supports the optional IEEE Std 1003.1-1988 (POSIX)
* job control facilities.
*/
#undef POSIXJOBS

/*
* VFORK This machine has a vfork().
* It used to be that for job control to work, this define
* was mandatory. This is not the case any more.
* If you think you still need it, but you don't have vfork,
* define this anyway and then do #define vfork fork.
* I do this anyway on a Sun because of yellow pages brain damage,
* [should not be needed under 4.1]
* and on the iris4d cause SGI's fork is sufficiently "virtual"
* that vfork isn't necessary. (Besides, SGI's vfork is weird).
* Note that some machines eg. rs6000 have a vfork, but not
* with the berkeley semantics, so we cannot use it there either.

```

```

*/
#define VFORK

/*
* BSDJOBS You have BSD-style job control (both process groups and
* a tty that deals correctly
*/
#define BSDJOBS

/*
* BSDTIMES You have BSD-style process time stuff (like rusage)
* This may or may not be true. For example, Apple Unix
* (OREO) has BSDJOBS but not BSDTIMES.
*/
#define BSDTIMES

/*
* BSDLIMIT You have BSD-style resource limit stuff (getrlimit/setrlimit)
*/
#define BSDLIMIT

/*
* TERMIO You have struct termio instead of struct sgtyb.
* This is usually the case for SYSV systems, where
* BSD uses sgtyb. POSIX systems should define this
* anyway, even though they use struct termios.
*/
#undef TERMIO

/*
* SYSVREL Your machine is SYSV based (HPUX, A/UX)
* NOTE: don't do this if you are on a Pyramid -- tcsh is
* built in a BSD universe.
* Set SYSVREL to 1, 2, 3, or 4, depending the version of System V
* you are running. Or set it to 0 if you are not SYSV based
*/
#define SYSVREL 0

/*
* YPBUGS Work around Sun YP bugs that cause expansion of ~username
* to send command output to /dev/null
*/
#undef YPBUGS

/***** local defines *****/

#undef NLS_CATALOGS
#endif /* _h_config */

```

# 1.89 tmux 1.6 :3.el6

## 1.89.1 Available under license :

```
# START tmux completion
# This file is in the public domain
# See: http://www.debian-administration.org/articles/317 for how to write more.
# Usage: Put "source bash_completion_tmux.sh" into your .bashrc
_tmux()
{
    local cur prev opts
    COMPREPLY=()
    cur="${COMP_WORDS[COMP_CWORD]}"
    prev="${COMP_WORDS[COMP_CWORD-1]}"

    opts=" \
attach-session \
bind-key \
break-pane \
capture-pane \
choose-client \
choose-session \
choose-window \
clear-history \
clock-mode \
command-prompt \
confirm-before \
copy-buffer \
copy-mode \
delete-buffer \
detach-client \
display-message \
display-panes \
down-pane \
find-window \
has-session \
if-shell \
join-pane \
kill-pane \
kill-server \
kill-session \
kill-window \
last-window \
link-window \
list-buffers \
list-clients \
list-commands \
```

list-keys \  
list-panes \  
list-sessions \  
list-windows \  
load-buffer \  
lock-client \  
lock-server \  
lock-session \  
move-window \  
new-session \  
new-window \  
next-layout \  
next-window \  
paste-buffer \  
pipe-pane \  
previous-layout \  
previous-window \  
refresh-client \  
rename-session \  
rename-window \  
resize-pane \  
respawn-window \  
rotate-window \  
run-shell \  
save-buffer \  
select-layout \  
select-pane \  
select-prompt \  
select-window \  
send-keys \  
send-prefix \  
server-info \  
set-buffer \  
set-environment \  
set-option \  
set-window-option \  
show-buffer \  
show-environment \  
show-messages \  
show-options \  
show-window-options \  
source-file \  
split-window \  
start-server \  
suspend-client \  
swap-pane \  
swap-window \  
switch-client \

```

unbind-key \
unlink-window \
up-pane"

COMPREPLY=$(compgen -W "${opts}" -- ${cur})
return 0

}
complete -F _tmux tmux

# END tmux completion
/* $Id: osdep-freebsd.c 2647 2011-12-09 16:37:29Z nicm $ */

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 */

#include <sys/param.h>
#include <sys/proc.h>
#include <sys/stat.h>
#include <sys/sysctl.h>
#include <sys/user.h>

#include <err.h>
#include <errno.h>
#include <event.h>
#include <stdint.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>
#include <libutil.h>

struct kinfo_proc *cmp_procs(struct kinfo_proc *, struct kinfo_proc *);
char *osdep_get_name(int, char *);
char *osdep_get_cwd(pid_t);
struct event_base *osdep_event_init(void);

```

```

#ifndef nitems
#define nitems(_a) (sizeof((_a)) / sizeof((_a)[0]))
#endif

#define is_runnable(p) \
((p)->ki_stat == SRUN || (p)->ki_stat == SIDL)
#define is_stopped(p) \
((p)->ki_stat == SSTOP || (p)->ki_stat == SZOMB)

struct kinfo_proc *
cmp_procs(struct kinfo_proc *p1, struct kinfo_proc *p2)
{
    if (is_runnable(p1) && !is_runnable(p2))
        return (p1);
    if (!is_runnable(p1) && is_runnable(p2))
        return (p2);

    if (is_stopped(p1) && !is_stopped(p2))
        return (p1);
    if (!is_stopped(p1) && is_stopped(p2))
        return (p2);

    if (p1->ki_estcpu > p2->ki_estcpu)
        return (p1);
    if (p1->ki_estcpu < p2->ki_estcpu)
        return (p2);

    if (p1->ki_slptime < p2->ki_slptime)
        return (p1);
    if (p1->ki_slptime > p2->ki_slptime)
        return (p2);

    if (strcmp(p1->ki_comm, p2->ki_comm) < 0)
        return (p1);
    if (strcmp(p1->ki_comm, p2->ki_comm) > 0)
        return (p2);

    if (p1->ki_pid > p2->ki_pid)
        return (p1);
    return (p2);
}

char *
osdep_get_name(int fd, char *tty)
{
    int mib[4] = { CTL_KERN, KERN_PROC, KERN_PROC_PGRP, 0 };
    struct stat sb;

```

```

size_t len;
struct kinfo_proc *buf, *newbuf, *bestp;
u_int i;
char *name;

buf = NULL;

if (stat(tty, &sb) == -1)
    return (NULL);
if ((mib[3] = tcgetpgrp(fd)) == -1)
    return (NULL);

retry:
if (sysctl(mib, nitems(mib), NULL, &len, NULL, 0) == -1)
    return (NULL);
len = (len * 5) / 4;

if ((newbuf = realloc(buf, len)) == NULL)
    goto error;
buf = newbuf;

if (sysctl(mib, nitems(mib), buf, &len, NULL, 0) == -1) {
    if (errno == ENOMEM)
        goto retry;
    goto error;
}

bestp = NULL;
for (i = 0; i < len / sizeof (struct kinfo_proc); i++) {
    if (buf[i].ki_tdev != sb.st_rdev)
        continue;
    if (bestp == NULL)
        bestp = &buf[i];
    else
        bestp = cmp_procs(&buf[i], bestp);
}

name = NULL;
if (bestp != NULL)
    name = strdup(bestp->ki_comm);

free(buf);
return (name);

error:
free(buf);
return (NULL);
}

```



```

char *
osdep_get_cwd(pid_t pid)
{
    static char wd[PATH_MAX];
    struct kinfo_file *info = NULL;
    int nrecords, i;

    if ((info = kinfo_getfile(pid, &nrecords)) == NULL)
        return (NULL);

    for (i = 0; i < nrecords; i++) {
        if (info[i].kf_fd == KF_FD_TYPE_CWD) {
            strncpy(wd, info[i].kf_path, sizeof wd);
            free(info);
            return (wd);
        }
    }

    free(info);
    return (NULL);
}

struct event_base *
osdep_event_init(void)
{
    /*
     * On some versions of FreeBSD, kqueue doesn't work properly on tty
     * file descriptors. This is fixed in recent FreeBSD versions.
     */
    setenv("EVENT_NOKQUEUE", "1", 1);
    return (event_init());
}
/* $Id: osdep-netbsd.c 2647 2011-12-09 16:37:29Z nicm $ */

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\*/

```
#include <sys/param.h>
```

```
#include <sys/proc.h>
```

```
#include <sys/stat.h>
```

```
#include <sys/sysctl.h>
```

```
#include <errno.h>
```

```
#include <event.h>
```

```
#include <stdlib.h>
```

```
#include <string.h>
```

```
#include <unistd.h>
```

```
#define is_runnable(p) \
```

```
    ((p)->p_stat == LSRUN || (p)->p_stat == SIDL)
```

```
#define is_stopped(p) \
```

```
    ((p)->p_stat == SSTOP || (p)->p_stat == SZOMB)
```

```
struct kinfo_proc2 *cmp_procs(struct kinfo_proc2 *, struct kinfo_proc2 *);
```

```
char *osdep_get_name(int, char *);
```

```
char *osdep_get_cwd(pid_t);
```

```
struct event_base *osdep_event_init(void);
```

```
struct kinfo_proc2 *
```

```
cmp_procs(struct kinfo_proc2 *p1, struct kinfo_proc2 *p2)
```

```
{
```

```
    if (is_runnable(p1) && !is_runnable(p2))
```

```
        return (p1);
```

```
    if (!is_runnable(p1) && is_runnable(p2))
```

```
        return (p2);
```

```
    if (is_stopped(p1) && !is_stopped(p2))
```

```
        return (p1);
```

```
    if (!is_stopped(p1) && is_stopped(p2))
```

```
        return (p2);
```

```
    if (p1->p_estcpu > p2->p_estcpu)
```

```
        return (p1);
```

```
    if (p1->p_estcpu < p2->p_estcpu)
```

```
        return (p2);
```

```
    if (p1->p_slptime < p2->p_slptime)
```

```
        return (p1);
```

```
    if (p1->p_slptime > p2->p_slptime)
```

```
        return (p2);
```

```
    if (p1->p_pid > p2->p_pid)
```

```

    return (p1);
    return (p2);
}

char *
osdep_get_name(int fd, __unused char *tty)
{
    int mib[6];
    struct stat sb;
    size_t len, i;
    struct kinfo_proc2 *buf, *newbuf, *bestp;
    char *name;

    if (stat(tty, &sb) == -1)
        return (NULL);
    if ((mib[3] = tcgetpgrp(fd)) == -1)
        return (NULL);

    buf = NULL;
    len = sizeof(bestp);
    mib[0] = CTL_KERN;
    mib[1] = KERN_PROC2;
    mib[2] = KERN_PROC_PGRP;
    mib[4] = sizeof(*buf);
    mib[5] = 0;

    retry:
    if (sysctl(mib, __arraycount(mib), NULL, &len, NULL, 0) == -1)
        return (NULL);

    if ((newbuf = realloc(buf, len * sizeof(*buf))) == NULL)
        goto error;
    buf = newbuf;

    mib[5] = len / sizeof(*buf);
    if (sysctl(mib, __arraycount(mib), buf, &len, NULL, 0) == -1) {
        if (errno == ENOMEM)
            goto retry; /* possible infinite loop? */
        goto error;
    }

    bestp = NULL;
    for (i = 0; i < len / sizeof(*buf); i++) {
        if (buf[i].p_tdev != sb.st_rdev)
            continue;
        if (bestp == NULL)
            bestp = &buf[i];
        else

```

```

    bestp = cmp_procs(&buf[i], bestp);
}

name = NULL;
if (bestp != NULL)
    name = strdup(bestp->p_comm);

free(buf);
return (name);

error:
free(buf);
return (NULL);
}

char *
osdep_get_cwd(pid_t pid)
{
    return (NULL);
}

struct event_base *
osdep_event_init(void)
{
    return (event_init());
}
/* $Id: osdep-openbsd.c 2647 2011-12-09 16:37:29Z nicm $ */

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 */

#include <sys/param.h>
#include <sys/sysctl.h>
#include <sys/stat.h>

```

```

#include <errno.h>
#include <event.h>
#include <stdlib.h>
#include <string.h>
#include <unistd.h>

#ifndef nitems
#define nitems(_a) (sizeof((_a)) / sizeof((_a)[0]))
#endif

#define is_runnable(p) \
((p)->p_stat == SRUN || (p)->p_stat == SIDL || (p)->p_stat == SONPROC)
#define is_stopped(p) \
((p)->p_stat == SSTOP || (p)->p_stat == SZOMB || (p)->p_stat == SDEAD)

struct kinfo_proc *cmp_procs(struct kinfo_proc *, struct kinfo_proc *);
char *osdep_get_name(int, char *);
char *osdep_get_cwd(pid_t);
struct event_base *osdep_event_init(void);

struct kinfo_proc *
cmp_procs(struct kinfo_proc *p1, struct kinfo_proc *p2)
{
    if (is_runnable(p1) && !is_runnable(p2))
        return (p1);
    if (!is_runnable(p1) && is_runnable(p2))
        return (p2);

    if (is_stopped(p1) && !is_stopped(p2))
        return (p1);
    if (!is_stopped(p1) && is_stopped(p2))
        return (p2);

    if (p1->p_estcpu > p2->p_estcpu)
        return (p1);
    if (p1->p_estcpu < p2->p_estcpu)
        return (p2);

    if (p1->p_slptime < p2->p_slptime)
        return (p1);
    if (p1->p_slptime > p2->p_slptime)
        return (p2);

    if ((p1->p_flag & P_SINTR) && !(p2->p_flag & P_SINTR))
        return (p1);
    if (!(p1->p_flag & P_SINTR) && (p2->p_flag & P_SINTR))
        return (p2);
}

```

```

if (strcmp(p1->p_comm, p2->p_comm) < 0)
    return (p1);
if (strcmp(p1->p_comm, p2->p_comm) > 0)
    return (p2);

if (p1->p_pid > p2->p_pid)
    return (p1);
return (p2);
}

char *
osdep_get_name(int fd, char *tty)
{
    int  mib[6] = { CTL_KERN, KERN_PROC, KERN_PROC_PGRP, 0,
        sizeof(struct kinfo_proc), 0 };
    struct stat sb;
    size_t len;
    struct kinfo_proc *buf, *newbuf, *bestp;
    u_int i;
    char *name;

    buf = NULL;

    if (stat(tty, &sb) == -1)
        return (NULL);
    if ((mib[3] = tcgetpgrp(fd)) == -1)
        return (NULL);

retry:
    if (sysctl(mib, nitems(mib), NULL, &len, NULL, 0) == -1)
        return (NULL);
    len = (len * 5) / 4;

    if ((newbuf = realloc(buf, len)) == NULL)
        goto error;
    buf = newbuf;

    mib[5] = (int)(len / sizeof(struct kinfo_proc));
    if (sysctl(mib, nitems(mib), buf, &len, NULL, 0) == -1) {
        if (errno == ENOMEM)
            goto retry;
        goto error;
    }

    bestp = NULL;
    for (i = 0; i < len / sizeof (struct kinfo_proc); i++) {
        if ((dev_t)buf[i].p_tdev != sb.st_rdev)
            continue;

```

```

if (bestp == NULL)
    bestp = &buf[i];
else
    bestp = cmp_procs(&buf[i], bestp);
}

name = NULL;
if (bestp != NULL)
    name = strdup(bestp->p_comm);

free(buf);
return (name);

error:
free(buf);
return (NULL);
}

char*
osdep_get_cwd(pid_t pid)
{
    int name[] = { CTL_KERN, KERN_PROC_CWD, (int)pid };
    static char path[MAXPATHLEN];
    size_t pathlen = sizeof path;

    if (sysctl(name, 3, path, &pathlen, NULL, 0) != 0)
        return (NULL);
    return (path);
}

struct event_base *
osdep_event_init(void)
{
    return (event_init());
}

```

## 1.90 tzdata 2016j :1.e16

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# 1.91 udev 147 :2.73.el6\_8.1

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Version 2, June 1991

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## 1.92 udev 147 :2.73.el6\_8.2

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## 1.93 util-linux-ng 2.17.2 :12.24.el6\_8.1

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```

```
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```

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```
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```
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```

```
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