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Ty Coon, President of Vice
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1.3 Centos Full 6.8

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

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

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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

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

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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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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of

software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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

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e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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1.4 cloud-init 0.7.5 :10.el6.centos.2

1.4.1 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>

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

This package was debianized by Soren Hansen <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>

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*

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

*/

1.9 dracut 004 :409.el6_8.2

1.9.1 Available under license :

This package was debianized by Philippe Seewer <philippe.seewer@bfh.ch> on
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Sources can be downloaded from:

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```
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```

```
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1.10 epel-release 6 :8

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1.11 euca2ools 3.3.0 :3.el6

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1.12 facter 2.4.6 :1.e16

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1.13 heat-cfntools 1.2.6

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1.14 hiera 1.3.4 :1.e16

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1.15 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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1.16 initscripts 9.03.53 :1.el6.centos.1

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```

```
<signature of Ty Coon>, 1 April 1989
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1.17 java-1.7.0-openjdk 1.7.0.111 :2.6.7.2.el6_8

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```

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2000-01-14

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```
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```

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1.21 kernel 2.6.32 :642.4.2.el6

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

```

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

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

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

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

That's all there is to it!

1.23 libdnet 1.12 :6.el6

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1.24 libgssglue 0.1 :11.el6

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

The latest version can always be found at
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Authors: Kevin Coffman, J. Bruce Fields, et. al.

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1.25 libmspack 0.5 :0.1.alpha.el6

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1.27 libxml2 2.7.6 :21.el6_8.1

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1.28 libXrender 0.9.8 :2.1.el6_8.1

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1.29 lvm2 2.02.143 :7.el6_8.1

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To do so, attach the following notices to the program. It is safest

to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

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

```
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.

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

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

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ntpstat is released under the terms of the GNU General Public License version 2 (<http://www.fsf.org/>)
ntpstat is copyright (c) G. Richard Keech 2001

1.37 open-vm-tools 9.10.2 :3.el6

1.37.1 Available under license :

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

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

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

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

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany

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

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

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

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

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

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

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

That's all there is to it!

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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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```
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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  
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```

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

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

That's all there is to it!

1.41 perl-Config-Augeas 0.902 :1.el6

1.41.1 Available under license :

From RPM File Metadata: LGPLv2+

1.42 puppet 3.8.7 :1.el6

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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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1.45 python-augeas 0.4.1 :1.el6

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1.46 python-backports-ssl_match_hostname

3.4.0.2 :4.el6.centos

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1.47 python-boto 2.41.0 :1.e16

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1.48 python-gudev 147.1 :4.el6_0.1

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1.49 python-jsonpatch 1.2 :2.el6.centos

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1.50 python-jsonpointer 1.0 :3.el6.centos

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1.51 python-oauth 1.0.1 :1.el6.centos

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1.52 python-prettytable 0.7.2 :1.el6.centos

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1.54 python-psutil 0.6.1 :1.el6

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1.55 python-requestbuilder 0.5.2 :1.el6

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1.56 python-rsa 3.4.1 :1.el6

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1.57 qemu-kvm 0.12.1.2 :2.491.el6_8.3

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1.59 ruby-augeas 0.4.1 :3.e16

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

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

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

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

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

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

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<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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1.60 ruby-shadow 2.2.0 :2.el6

1.60.1 Available under license :

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1.61 rubygem-json 1.5.5 :3.el6

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1.62 tar 1.23 :15.el6_8

1.62.1 Available under license :

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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

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The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

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```

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1.63 tcsh 6.17 :35.el6_8.1

1.63.1 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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/*-

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*/

```

/*
* 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 sgttyb.
 * This is usually the case for SYSV systems, where
 * BSD uses sgttyb. 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 */

```

1.64 tmux 1.6 :3.el6

1.64.1 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) {
            strlcpy(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-opensbd.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());
}

```

1.65 tzdata 2016f :1.el6

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1.66 udev 147 :2.73.el6_8.1

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1.67 udev 147 :2.73.el6_8.2

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