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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 3a0982da308228d796df35f98d787c5cfff2b6b6.

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

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Version 3, 29 June 2007

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

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Name: cloud-init
Maintainer: Scott Moser <scott.moser@canonical.com>
Source: https://launchpad.net/cloud-init

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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.>
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`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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1.16 euca2ools 3.3.0 :3.el6

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1.18 facter 2.4.6 :1.el6

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1.19 glibc_GPLv2 2.12 :1.192.el6

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1.24 hunspell-en_dictionary 0.20090216
:7.1.el6

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1.32 java_cup_script 0.10k :5.el6

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1.33 kernel 2.6.32 :642.11.1.el6

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Atheros carl9170 firmware - used by the ar9170 wireless device

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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.

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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 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
line to the DVB mailing list)

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Version 1.0

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

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

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

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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.

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,
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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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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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"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
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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.

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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.)

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Whether this is true is especially significant if the work can be
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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
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Otherwise, if the work is a derivative of the Library, you may
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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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

   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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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. 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 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

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the version number 2.1.]

Preamble

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can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

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it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid
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you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

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

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

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

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

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

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

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

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0. This License Agreement applies to any software library or other program 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.

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

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

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

   a) The modified work must itself be a software library.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. You may place library facilities that are a work based on the 
Library side-by-side in a single library together with other library 
facilities not covered by this License, and distribute such a combined 
library, provided that the separate distribution of the work based on 
the Library and of the other library facilities is otherwise 
permitted, and provided that you do these two things:
a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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

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

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

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

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

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

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

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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.

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
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the materials to be distributed need not include anything that is
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components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
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1.45 libxml2 2.7.6 :21.el6_8.1

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1.46 libXrender 0.9.8 :2.1.el6_8.1

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1.47 lvm2 2.02.143 :7.el6_8.1
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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 it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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b) 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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1.51 net-snmp 5.5 :57.el6_8.1

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1.52 nfs-utils 1.2.3 :70.el6_8.2

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2. [2] Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
3. [3] Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
5. [6] Michael Barone <michael.barone@lmco.com> GPSVME fixes
6. [7] Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
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8. [9] Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
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driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling

29. [32]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications

30. [33]Dave Katz <dkatz@cisco.com> RS/6000 AIX port

31. [34]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver

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34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305

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45. [49]Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo

46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules

47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory

48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port

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50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver

51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)

52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port

53. [57]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support

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55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver

56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
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>>> base64.c-none
>>> convertutf.c/.h from unicode, inc.-none
>>> freebsd-1.72
>>> icu4c-4.4.1
>>> unicode-5.0

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>>> base64.c-none

base64.c -- routines to encode/decode base64 data
$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $/
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>>> convertutf.c/.h from unicode, inc.-none

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>>> icu4c-4.4.1
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1.58 openssh 5.3p1 :118.1.el6_8

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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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A. HISTORY OF THE SOFTWARE

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

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

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

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

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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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1.68 python-boto 2.43.0 :1.el6

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1.69 python-gudev 147.1 :4.el6_0.1

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1.78 python-rsa 3.4.1 :1.el6

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1.81 ruby-augeas 0.4.1 :3.el6

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It was downloaded from http://ccache.samba.org/ftp/ccache/

The ccache-zlib patch was downloaded from http://www.gustaebel.de/lars/ccache/
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1.86 swig - WAD 1.3.40 :6.el6

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source code from the same place satisfies the requirement to
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compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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therefore falls outside the scope of this License.

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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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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
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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
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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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/*-
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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 ***************
/
* POSIXThis system supports IEEE Std 1003.1-1988 (POSIX).
*/
#undef POSIX
/
* POSIXJOBSThis system supports the optional IEEE Std 1003.1-1988 (POSIX)
*job control facilities.
*/
#undef POSIXJOBS
/
* VFORKThis 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 */
1.89 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="\n    attach-session \n    bind-key \n    break-pane \n    capture-pane \n    choose-client \n    choose-session \n    choose-window \n    clear-history \n    clock-mode \n    command-prompt \n    confirm-before \n    copy-buffer \n    copy-mode \n    delete-buffer \n    detach-client \n    display-message \n    display-panes \n    down-pane \n    find-window \n    has-session \n    if-shell \n    join-pane \n    kill-pane \n    kill-server \n    kill-session \n    kill-window \n    last-window \n    link-window \n    list-buffers \n    list-clients \n    list-commands \n"
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);

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_getcwd(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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* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING
#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>
```c
#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);
}

color
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.el6

#### 1.90.1 Available under license:

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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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