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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."
build_requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: <http://module-build.sourceforge.net/META-spec-v1.4.html>
version: 1.4
name: Module-Build
resources:
MailingList: <mailto:module-build@perl.org>
license: <http://dev.perl.org/licenses/>
repository: <http://github.com/dagolden/module-build/>
version: 3

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Version 1, February 1989

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```
<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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```
Gnomovision version 69, Copyright (C) 19xx 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.
```

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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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The End

```
#!/perl
```

```
=head1 NAME
```

```
copyright.t
```

```
=head1 DESCRIPTION
```

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

```
=cut
```

```
use strict;
```

```
use Config;
```

```
BEGIN { require './test.pl' }
```

```
if ( $Config{usecrosscompile} ) {
```

```
    skip_all( "Not all files are available during cross-compilation" );
```

```
}
```

```
my ($opt) = @ARGV;
```



```

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{

    open my $readme, '<', './README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = "";
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /\b(\d{4,})/s
        or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
        or die "Copyright statement not found in perl -v output '$output'";

    $year;
}

```

1.2 libwebsockets 2.0-stable

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Relicensed to MIT:

- lib/misc/daemonize.c - relicensed from Public Domain to MIT, link to original Public Domain version
- lib/plat/windows/windows-resolv.c - relicensed from "Beerware v42" to MIT

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- test-apps/*.h
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- lws/*

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1.3 iputils 20101006

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```

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```
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 *  
 * Authors: Alexey Kuznetsov, <kuznet@ms2.inr.ac.ru>  
 */
```

1.4 dnsmasq 2.82

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1.5 linux-kernel 3.14.43

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

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

*

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

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

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

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for the initial saa7146 driver and its recent overhaul

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for his work on the initial Linux DVB driver

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for their continuing work on the DVB driver

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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for the nxt2004 frontend driver

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

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1.8 libcap-ng 0.7.3

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```

```
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```

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1.9 libnl-tiny 0.1.4

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/*

* lib/object.c Generic Cacheable Object

*

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/*

* netlink/utls.h Utility Functions

*

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* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/utls.h

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/*

* INET An implementation of the TCP/IP protocol suite for the LINUX
* operating system. INET is implemented using the BSD Socket
* interface as the means of communication with the user level.

*

* Global definitions for the INET interface module.

*

* Version: @(#)if.h 1.0.2 04/18/93

*

* Authors: Original taken from Berkeley UNIX 4.3, (c) UCB 1982-1988

* Ross Biro

* Fred N. van Kempen, <waltje@uWalt.NL.Mugnet.ORG>

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/*

* netlink/attr.h Netlink Attributes

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/*

* netlink/handlers.c default netlink message handlers

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/*

* netlink/object-api.c Object API

*

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/*

* netlink/list.h Netlink List Utilities

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/*

* netlink/netlink-compat.h Netlink Compatability

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```
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 * netlink/socket.h Netlink Socket
 *
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 */
```

Found in path(s):

```
*/opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-
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```

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```
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 * netlink/netlink-types.h Netlink Types
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```

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```
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```

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```
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 * netlink/genl/ctrl.h Generic Netlink Controller
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 */
```

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```
*/opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-
tiny/src/include/netlink/genl/ctrl.h
```

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```
/*
 * netlink/netlink.h Netlink Interface
 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-
tiny/src/include/netlink/netlink.h
```

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```
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 * netlink/version.h Compile Time Versioning Information
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 */
```

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```
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tiny/src/include/netlink/version.h
```

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```
/*
 * lib/genl/mngt.c Generic Netlink Management
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 */
```

Found in path(s):

```
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```

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```
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* netlink/cache-api.h Caching API
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```
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```

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```
/*
* lib/error.c Error Handling
*
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```

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```
*/opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/error.c
```

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```
/*
* netlink/object.c Generic Cacheable Object
*
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* of the License.
*
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*/
```

Found in path(s):

```
*/opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/object.h
```

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```
/*  
* lib/cache.c Caching Module  
*  
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* License as published by the Free Software Foundation version 2.1  
* of the License.  
*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/cache.c
```

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

```
/*  
* netlink-types.h Netlink Types (Private)  
*  
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* License as published by the Free Software Foundation version 2.1  
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*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink-  
types.h
```

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```
/*  
* netlink/genl/genl.h Generic Netlink  
*  
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* License as published by the Free Software Foundation version 2.1  
* of the License.  
*  
* Copyright (c) 2003-2008 Thomas Graf <tgraf@suug.ch>  
*/
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-  
tiny/src/include/netlink/genl/genl.h
```

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```
/*
 * lib/nl.c Core Netlink Interface
 *
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 * of the License.
 *
 * Copyright (c) 2003-2008 Thomas Graf <tgraf@suug.ch>
 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/nl.c
```

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```
/*
 * lib/genl/ctrl.c Generic Netlink Controller
 *
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 * of the License.
 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/genl_ctrl.c
```

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

```
/*
 * netlink-generic.h Local Generic Netlink Interface
 *
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 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink-
generic.h
```

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


```
/*
 * lib/genl/genl.c Generic Netlink
 *
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 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/genl.c
No license file was found, but licenses were detected in source scan.
```

```
/*
 * lib/attr.c Netlink Attributes
 *
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 * of the License.
 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/attr.c
No license file was found, but licenses were detected in source scan.
```

```
/*
 * lib/cache_mngt.c Cache Management
 *
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 */
```

Found in path(s):

```
* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/cache_mngt.c
No license file was found, but licenses were detected in source scan.
```

```
/*
 * netlink/errno.h Error Numbers
 *
```

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/errno.h

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/*

* netlink-local.h Local Netlink Interface

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink-local.h

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/*

* lib/socket.c Netlink Socket

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/socket.c

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/*

* netlink/addr.h Abstract Address

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/addr.h
No license file was found, but licenses were detected in source scan.

/*

* lib/msg.c Netlink Messages Interface

*

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*
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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/msg.c
No license file was found, but licenses were detected in source scan.

/*

* netlink/data.h Abstract Data

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/data.h
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/*

* netlink/genl/family.h Generic Netlink Family

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/genl/family.h

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

/*

* netlink/cache.h Caching Module

*

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* of the License.

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/cache.h

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

/*

* netlink/msg.c Netlink Messages Interface

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/include/netlink/msg.h

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

/*

* lib/genl/family.c Generic Netlink Family

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/genl_family.c

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

/*

* lib/handlers.c default netlink message handlers

*

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* of the License.

*

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*/

Found in path(s):

* /opt/cola/permits/1652859255_1682406208.1959174/0/libnl-tiny-0-1-4-tar-gz/libnl-tiny/src/handlers.c

1.10 rsync 3.1.3

1.10.1 Available under license :

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Version 3, 29 June 2007

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1.14 mbed-tls 2.3.0

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1.15 sysfsutils 2.1.0

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1.16 hostapd 2.3

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1.17 libev 5.5

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1.18 uclibc 0.9.33.2

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

That's all there is to it!

From gsf@research.att.com Wed Mar 1 20:30:54 2006

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

X-Original-To: mps@bridge.intra

Delivered-To: mps@bridge.intra

Received: from localhost (localhost [127.0.0.1])

by localhost (Postfix) with ESMTP id B8C814E4F

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

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

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

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

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

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

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

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

X-Flags: 0000

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

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

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

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

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

by mail-blue.research.att.com (Postfix) with ESMTP id B7929147CBB

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

Received: (from gsf@localhost)

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

for ps.m@gmx.net; Wed, 1 Mar 2006 14:23:45 -0500 (EST)
Date: Wed, 1 Mar 2006 14:23:45 -0500 (EST)
From: Glenn Fowler <gsf@research.att.com>
Message-Id: <200603011923.OAA86112@raptor.research.att.com>
Organization: AT&T Research
X-Mailer: mailx (AT&T/BSD) 9.9 2005-04-21
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
References: <Pine.LNX.4.44.0603012011250.6386-100000@lnx.bridge.intra>
To: mps@bridge.intra
Subject: Re: testregex licensing question
X-GMX-Antivirus: -1 (not scanned, may not use virus scanner)
X-GMX-Antispam: 0 (Mail was not recognized as spam)
X-GMX-UID: lJF3ZO9DeSEkJ2TcbHQhaXN1IGRvb0Ca
X-Virus-Scanned: by amavisd-new at localhost
Status: RO
X-Status:
X-Keywords:
X-UID: 44736

you may include it directly
retain the testregex.c header comment
it uses a very free license to maximize distribution
you can copy that .c comment to any test data files you use
using # comment style to be complete

let me know how it works with your libc
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:

> Hello Glenn!

> I would want to add testregex.c and the related *.dat files to the uClibc
> testsuite. uClibc is licensed under LGPL v2.1. I haven't found any
> licensing related info on testregex.

> Is it allowed to use the code there, or should I accomodate the testsuite
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --

> Peter S. Mazinger <ps dot m at gmx dot net> ID: 0xA5F059F2
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08 BB6E C389 975E A5F0 59F2
Licensed under the LGPL v2.1, see the file COPYING.LIB in this tarball.

1.19 wireless-tools 29

1.19.1 Available under license :

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1.25 boost 1.60

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"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
<title>Copyright Test</title>
<articleinfo>
<copyright>
<year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
</copyright>
<copyright>
<year>2018</year> <holder>Joe Blow, John Coe</holder>
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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems.

Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.

Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)
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--- end ---

1.26 procps 3.2.8

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1.27 elfutils 0.172

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1.28 yajl 2.1.0

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1.29 argp-standalone 1.3

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Found in path(s):

* /opt/cola/permits/1652848662_1682404168.1067324/0/liyanboy74-argp-standalone-v1-3-0-gcbdc83e-tar-

gz/liyanboy74-argp-standalone-cbdc83e/argp-fmtstream.c

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Found in path(s):

* /opt/cola/permits/1652848662_1682404168.1067324/0/liyanboy74-argp-standalone-v1-3-0-gcbdc83e-tar-gz/liyanboy74-argp-standalone-cbdc83e/argp-test.c

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Found in path(s):

```
* /opt/cola/permits/1652848662_1682404168.1067324/0/liyanboy74-argp-standalone-v1-3-0-gcbdc83e-tar-gz/liyanboy74-argp-standalone-cbdc83e/argp-pv.c
```

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```
/* Written by Niels Mller <nisse@lysator.liu.se>
```

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*
```

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```

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*/
```

Found in path(s):

```
* /opt/cola/permits/1652848662_1682404168.1067324/0/liyanboy74-argp-standalone-v1-3-0-gcbdc83e-tar-gz/liyanboy74-argp-standalone-cbdc83e/strchrnul.c
```

```
* /opt/cola/permits/1652848662_1682404168.1067324/0/liyanboy74-argp-standalone-v1-3-0-gcbdc83e-tar-gz/liyanboy74-argp-standalone-cbdc83e/strndup.c
```

```
* /opt/cola/permits/1652848662_1682404168.1067324/0/liyanboy74-argp-standalone-v1-3-0-gcbdc83e-tar-gz/liyanboy74-argp-standalone-cbdc83e/mempcpy.c
```

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```
/* Word-wrapping and line-truncating streams.
```

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```
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```

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```
/* Default definition for ARGV_PROGRAM_VERSION_HOOK.
```

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/* Name frobnication for compiling argp outside of glibc

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*

* @(#)sysexits.h 8.1 (Berkeley) 6/2/93

*/

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Found in path(s):

```
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```

1.30 openssh 7.8p1

1.30.1 Available under license :

```
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */
```

```
/*
```

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```
*/
```

```

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

```

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* @version 3.0 (December 2000)

*

* Optimised ANSI C code for the Rijndael cipher (now AES)

*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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```

```

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
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*/

```

```

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

```

```

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

```

```

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

```

```

/* Prototype */
pid_t waitpid(int, int *, int);

```

```

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

```

1.31 libiconv 7

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1.32 six 1.10.0

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* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus.h
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd_proto.c
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus.c
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd.c
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-io.c
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/examples/server.c
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-req.c
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/ubusd.h
* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/libubus-internal.h

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Found in path(s):

* /opt/cola/permits/1652876082_1682408846.5900633/0/ubus-2015-0525-tar-gz/ubus-2015-05-25/lua/ubus.c

1.34 lua 5.1.5

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
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Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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PCRE JUST-IN-TIME COMPILATION SUPPORT

Written by: Zoltan Herczeg
Email local part: hzmester
Email domain: freemail.hu

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STACK-LESS JUST-IN-TIME COMPILER

Written by: Zoltan Herczeg
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Email domain: freemail.hu

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THE C++ WRAPPER FUNCTIONS

Contributed by: Google Inc.

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End

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1.38 uci 2015-08-27.1

1.38.1 Available under license :

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

```
/*
 * cli - Command Line Interface for the Unified Configuration Interface
 * Copyright (C) 2008 Felix Fietkau <nbd@openwrt.org>
 *
 * This program is free software; you can redistribute it and/or modify
 * it under the terms of the GNU General Public License version 2
 * as published by the Free Software Foundation
 *
 * This program is distributed in the hope that it will be useful,
 * but WITHOUT ANY WARRANTY; without even the implied warranty of
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
 * GNU General Public License for more details.
 */
```

Found in path(s):

```
*/opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/cli.c
```

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

```
/*
```

```
* ucimap.c - Library for the Unified Configuration Interface
* Copyright (C) 2008-2009 Felix Fietkau <nbd@openwrt.org>
*
* This program is free software; you can redistribute it and/or modify
* it under the terms of the GNU Lesser General Public License version 2.1
* as published by the Free Software Foundation
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU Lesser General Public License for more details.
*/
```

Found in path(s):

```
*/opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/ucimap.c
```

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

```
/*
* ucimap.h - Library for the Unified Configuration Interface
* Copyright (C) 2008-2009 Felix Fietkau <nbd@openwrt.org>
*
* This program is free software; you can redistribute it and/or modify
* it under the terms of the GNU Lesser General Public License version 2.1
* as published by the Free Software Foundation
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU Lesser General Public License for more details.
*/
```

Found in path(s):

```
*/opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/ucimap.h
```

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

```
/*
* blob.c - uci <-> blobmsg conversion layer
* Copyright (C) 2012-2013 Felix Fietkau <nbd@openwrt.org>
*
* This program is free software; you can redistribute it and/or modify
* it under the terms of the GNU Lesser General Public License version 2.1
* as published by the Free Software Foundation
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU Lesser General Public License for more details.
*/
```

Found in path(s):

```
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/uci_blob.h
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/blob.c
No license file was found, but licenses were detected in source scan.
```

```
/*
```

```
* libuci plugin for Lua
```

```
* Copyright (C) 2008 Felix Fietkau <nbd@openwrt.org>
```

```
*
```

```
* This program is free software; you can redistribute it and/or modify
```

```
* it under the terms of the GNU General Public License version 2
```

```
* as published by the Free Software Foundation
```

```
*
```

```
* This program is distributed in the hope that it will be useful,
```

```
* but WITHOUT ANY WARRANTY; without even the implied warranty of
```

```
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
```

```
* GNU General Public License for more details.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/luau/uci.c
No license file was found, but licenses were detected in source scan.
```

```
# $Id: shunit2 189 2008-07-11 11:46:54Z kate.ward@forestent.com $
```

```
# vim:et:ft=sh:sts=2:sw=2
```

```
# vim:foldmethod=marker:foldmarker=/**,*/
```

```
#
```

```
/**
```

```
# <?xml version="1.0" encoding="UTF-8"?>
```

```
# <s:shelldoc xmlns:s="http://www.forestent.com/projects/shelldoc/xsl/2005.0">
```

```
# <s:header>
```

```
# shUnit 2.1.4
```

```
# Shell Unit Test Framework
```

```
#
```

```
# http://shunit2.sourceforge.net/
```

```
#
```

```
# written by Kate Ward &lt;kate.ward@forestent.com&gt;
```

```
# released under the LGPL
```

```
#
```

```
# this module implements a xUnit based unit test framework similar to JUnit
```

```
# </s:header>
```

```
*/
```

```
SHUNIT_VERSION='2.1.4'
```

```
_shunit_warn() { echo "shunit2:WARN $@" >&2; }
```

```
_shunit_error() { echo "shunit2:ERROR $@" >&2; }
```

```

_shunit_fatal() { echo "shunit2:FATAL $@" >&2; }

SHUNIT_TRUE=0
SHUNIT_FALSE=1
SHUNIT_ERROR=2

# specific shell checks
if [ -n "${ZSH_VERSION:-}" ]; then
  setopt |grep "^shwordsplit$" >/dev/null
  if [ $? -ne ${SHUNIT_TRUE} ]; then
    _shunit_fatal 'zsh shwordsplit option is required for proper operation'
    exit ${SHUNIT_ERROR}
  fi
  if [ -z "${SHUNIT_PARENT:-}" ]; then
    _shunit_fatal "zsh does not pass \$0 through properly. please declare \
\"SHUNIT_PARENT=\$0\" before calling shUnit2"
    exit ${SHUNIT_ERROR}
  fi
fi

# shell flags for shunit2:
# u - treat unset variables as an error when performing parameter expansion
__SHUNIT_SHELL_FLAGS='u'

# save the current set of shell flags, and then set some for ourself
shunit_shellFlags_="$-"
for shunit_shellFlag_ in `echo "${__SHUNIT_SHELL_FLAGS}" |sed 's^(.)^1 /g^`
do
  set -${shunit_shellFlag_}
done

#
# constants
#

__SHUNIT_ASSERT_MSG_PREFIX='ASSERT:'
__SHUNIT_PARENT=${SHUNIT_PARENT:-$0}

# set the constants readonly
shunit_constants_=`set |grep "^__SHUNIT_" |cut -d= -f1`
echo "${shunit_constants_}" |grep "^Binary file" >/dev/null
if [ $? -eq 0 ]; then
  # deal with binary junk in 'set' output
  shunit_constants_=`set |grep -a "^__SHUNIT_" |cut -d= -f1`
fi
for shunit_const_ in ${shunit_constants_}; do
  shunit_ro_opts_="
  if [ -n "${ZSH_VERSION:-}" ]; then

```

```

case ${ZSH_VERSION} in
  [123].*) ;;
  *) shunit_ro_opts_='-g' ;; # declare readonly constants globally
esac
fi
readonly ${shunit_ro_opts_} ${shunit_const_}
done
unset shunit_const_ shunit_constants_ shunit_ro_opts_

# variables
__shunit_skip=${SHUNIT_FALSE}
__shunit_suite=""

__shunit_testsPassed=0
__shunit_testsFailed=0
__shunit_testsSkipped=0
__shunit_testsTotal=0

# macros
_SHUNIT_LINENO_='eval if [ "${1:-}" = "--lineno" ]; then [ -n "$2" ] && shunit_message_="[$2]"; shift 2; fi'

#-----
# assert functions
#

/**
# <s:function group="asserts">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <functsynopsis>
# <funcprototype>
# <funcdef><function>assertEquals</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>expected</parameter></paramdef>
# <paramdef>string <parameter>actual</parameter></paramdef>
# </funcprototype>
# </functsynopsis>
# <para>Asserts that <emphasis>expected</emphasis> and
# <emphasis>actual</emphasis> are equal to one another. The message is
# optional.</para>
# </entry>
# </s:function>
#*/
assertEquals()
{
  ${_SHUNIT_LINENO_}

```

```

if [ $# -lt 2 -o $# -gt 3 ]; then
    _shunit_error 'assertEquals() requires one or two arguments'
    return ${SHUNIT_ERROR}
fi
_shunit_shouldSkip && return ${SHUNIT_TRUE}

[ -z "${shunit_message_:-}" ] && shunit_message_=""
if [ $# -eq 3 ]; then
    shunit_message_="${shunit_message_}$1"
    shift
fi
shunit_expected_=$1
shunit_actual_=$2

shunit_return=${SHUNIT_TRUE}
if [ "${shunit_expected_}" = "${shunit_actual_}" ]; then
    _shunit_testPassed
else
    failNotEquals "${shunit_message_}" "${shunit_expected_}" "${shunit_actual_}"
    shunit_return=${SHUNIT_FALSE}
fi

unset shunit_message_ shunit_expected_ shunit_actual_ __shunit_lineno
return ${shunit_return}
}
_ASSERT_EQUALS_='eval assertEquals --lineno "${LINENO:-}"'

/**
# <s:function group="asserts">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>assertNull</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>value</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Asserts that <emphasis>value</emphasis> is <literal>>null</literal>,
# or in shell terms a zero-length string. The message is optional.</para>
# </entry>
# </s:function>
#*/
assertNull()
{
    ${_SHUNIT_LINENO_}

```

```

if [ $# -lt 1 -o $# -gt 2 ]; then
    _shunit_error 'assertNull() requires one or two arguments'
    return ${SHUNIT_ERROR}
fi
_shunit_shouldSkip && return ${SHUNIT_TRUE}

[ -z "${shunit_message_:-}" ] && shunit_message_=""
if [ $# -eq 2 ]; then
    shunit_message_="${shunit_message_}$1"
    shift
fi
if [ $# -eq 2 ]; then
    assertTrue "${shunit_message_}$1" "[ -z '$2' ]"
else
    assertTrue "[ -z '$1' ]"
fi
}
_ASSERT_NULL_='eval assertNull --lineno "${LINENO:-}"'

/**
# <s:function group="asserts">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>assertNotNull</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>value</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Asserts that <emphasis>value</emphasis> is <emphasis
# role="strong">not</emphasis> <literal>>null</literal>, or in shell terms not
# a zero-length string. The message is optional.</para>
# </entry>
# </s:function>
#*/
assertNotNull()
{
    ${_SHUNIT_LINENO_}
    if [ $# -gt 2 ]; then # allowing 0 arguments as $1 might actually be null
        _shunit_error 'assertNotNull() requires one or two arguments'
        return ${SHUNIT_ERROR}
    fi
    _shunit_shouldSkip && return ${SHUNIT_TRUE}

    if [ $# -eq 2 ]; then

```



```

    assertTrue "$1" "[ -n '$2' ]"
else
    assertTrue "[ -n '${1:-}' ]"
fi
}
_ASSERT_NOT_NULL_='eval assertNotNull --lineno "${LINENO:-}"'

```

```

/**

```

```

# <s:function group="asserts">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>assertSame</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>expected</parameter></paramdef>
# <paramdef>string <parameter>actual</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>This function is functionally equivalent to
# <function>assertEquals</function>.</para>
# </entry>
# </s:function>

```

```

*/

```

```

assertSame()
{
    ${_SHUNIT_LINENO_}
    if [ $# -lt 2 -o $# -gt 3 ]; then
        _shunit_error 'assertSame() requires one or two arguments'
        return ${SHUNIT_ERROR}
    fi
    _shunit_shouldSkip && return ${SHUNIT_TRUE}
}

```

```

if [ $# -eq 2 ]; then
    assertEquals "$1" "$2"
else
    assertEquals "$1" "$2" "$3"
fi
}
_ASSERT_SAME_='eval assertEquals --lineno "${LINENO:-}"'

```

```

/**

```

```

# <s:function group="asserts">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>

```

```

# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>assertNotSame</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>unexpected</parameter></paramdef>
# <paramdef>string <parameter>actual</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Asserts that <emphasis>unexpected</emphasis> and
# <emphasis>actual</emphasis> are <emphasis role="strong">not</emphasis>
# equal to one another. The message is optional.</para>
# </entry>
# </s:function>
#*/
assertNotSame()
{
    ${_SHUNIT_LINENO_}
    if [ $# -lt 2 -o $# -gt 3 ]; then
        _shunit_error 'assertNotSame() requires two or three arguments'
        return ${SHUNIT_ERROR}
    fi
    _shunit_shouldSkip && return ${SHUNIT_TRUE}

    [ -z "${shunit_message_:-}" ] && shunit_message_="
    if [ $# -eq 3 ]; then
        shunit_message_="${shunit_message_}$1"
        shift
    fi
    shunit_unexpected_=$1
    shunit_actual_=$2

    shunit_return=${SHUNIT_TRUE}
    if [ "${shunit_unexpected_}" != "${shunit_actual_}" ]; then
        _shunit_testPassed
    else
        failSame "${shunit_message_}" "$@"
        shunit_return=${SHUNIT_FALSE}
    fi

    unset shunit_message_ shunit_unexpected_ shunit_actual_
    return ${shunit_return}
}
_ASSERT_NOT_SAME_='eval assertNotSame --lineno "${LINENO:-}"'

#/**
# <s:function group="asserts">
# <entry align="right">

```

```

# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>assertTrue</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>condition</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Asserts that a given shell test condition is true. The message is
# optional.</para>
# <para>Testing whether something is true or false is easy enough by using
# the assertEquals/assertNotSame functions. Shell supports much more
# complicated tests though, and a means to support them was needed. As such,
# this function tests that conditions are true or false through evaluation
# rather than just looking for a true or false.</para>
# <funcsynopsis>
# The following test will succeed: <funcsynopsisinfo>assertTrue "[ 34 -gt 23 ]"</funcsynopsisinfo>
# The following test will fail with a message: <funcsynopsisinfo>assertTrue "test failed" "[ -r /non/existant/file'
# ]"</funcsynopsisinfo>
# </funcsynopsis>
# </entry>
# </s:function>
#*/
assertTrue()
{
    ${_SHUNIT_LINENO_}
    if [ $# -gt 2 ]; then
        _shunit_error 'assertTrue() takes one two arguments'
        return ${SHUNIT_ERROR}
    fi
    _shunit_shouldSkip && return ${SHUNIT_TRUE}

    [ -z "${shunit_message_:-}" ] && shunit_message_="
    if [ $# -eq 2 ]; then
        shunit_message_="${shunit_message_}$1"
        shift
    fi
    shunit_condition_=$1

    # see if condition is an integer, i.e. a return value
    shunit_match_=`expr "${shunit_condition_}" : '\([0-9]*\)'^`
    shunit_return=${SHUNIT_TRUE}
    if [ -z "${shunit_condition_}" ]; then
        # null condition
        shunit_return=${SHUNIT_FALSE}
    elif [ "${shunit_condition_}" = "${shunit_match_}" ]; then

```

```

# possible return value. treating 0 as true, and non-zero as false.
[ ${shunit_condition_} -ne 0 ] && shunit_return=${SHUNIT_FALSE}
else
# (hopefully) a condition
( eval ${shunit_condition_} ) >/dev/null 2>&1
[ $? -ne 0 ] && shunit_return=${SHUNIT_FALSE}
fi

# record the test
if [ ${shunit_return} -eq ${SHUNIT_TRUE} ]; then
    _shunit_testPassed
else
    _shunit_testFailed "${shunit_message_}"
fi

unset shunit_message_ shunit_condition_ shunit_match_
return ${shunit_return}
}
_ASSERT_TRUE_='eval assertTrue --lineno "${LINENO:-}"'

#/**
# <s:function group="asserts">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>assertFalse</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>condition</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Asserts that a given shell test condition is false. The message is
# optional.</para>
# <para>Testing whether something is true or false is easy enough by using
# the assertEquals/assertNotSame functions. Shell supports much more
# complicated tests though, and a means to support them was needed. As such,
# this function tests that conditions are true or false through evaluation
# rather than just looking for a true or false.</para>
# <funcsynopsis>
# The following test will succeed: <funcsynopsisinfo>assertFalse "[ 'apples' = 'oranges' ]"</funcsynopsisinfo>
# The following test will fail with a message: <funcsynopsisinfo>assertFalse "test failed" "[ 1 -eq 1 -a 2 -eq 2
# ]"</funcsynopsisinfo>
# </funcsynopsis>
# </entry>
# </s:function>
#*/

```

```

assertFalse()
{
  ${_SHUNIT_LINENO_}
  if [ $# -lt 1 -o $# -gt 2 ]; then
    _shunit_error 'assertFalse() quires one or two arguments'
    return ${SHUNIT_ERROR}
  fi
  _shunit_shouldSkip && return ${SHUNIT_TRUE}

  [ -z "${shunit_message_:-}" ] && shunit_message_=""
  if [ $# -eq 2 ]; then
    shunit_message_="${shunit_message_}$1"
    shift
  fi
  shunit_condition_=$1

  # see if condition is an integer, i.e. a return value
  shunit_match_=`expr "${shunit_condition_}" : "[0-9]*"`
  shunit_return=${SHUNIT_TRUE}
  if [ -z "${shunit_condition_}" ]; then
    # null condition
    shunit_return=${SHUNIT_FALSE}
  elif [ "${shunit_condition_}" = "${shunit_match_}" ]; then
    # possible return value. treating 0 as true, and non-zero as false.
    [ ${shunit_condition_} -eq 0 ] && shunit_return=${SHUNIT_FALSE}
  else
    # (hopefully) a condition
    ( eval ${shunit_condition_} ) >/dev/null 2>&1
    [ $? -eq 0 ] && shunit_return=${SHUNIT_FALSE}
  fi

  # record the test
  if [ ${shunit_return} -eq ${SHUNIT_TRUE} ]; then
    _shunit_testPassed
  else
    _shunit_testFailed "${shunit_message_}"
  fi

  unset shunit_message_ shunit_condition_ shunit_match_
  return ${shunit_return}
}
_ASSERT_FALSE_='eval assertFalse --lineno "${LINENO:-}"'

#-----
# failure functions
#
#/**

```

```

# <s:function group="failures">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>fail</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Fails the test immediately, with the optional message.</para>
# </entry>
# </s:function>
#*/
fail()
{
    ${_SHUNIT_LINENO_}
    if [ $# -gt 1 ]; then
        _shunit_error 'fail() requires one or two arguments'
        return ${SHUNIT_ERROR}
    fi
    _shunit_shouldSkip && return ${SHUNIT_TRUE}

    [ -z "${shunit_message_:-}" ] && shunit_message_="
    if [ $# -eq 1 ]; then
        shunit_message_="${shunit_message_}$1"
        shift
    fi

    _shunit_testFailed "${shunit_message_}"

    unset shunit_message_
    return ${SHUNIT_FALSE}
}
_FAIL_='eval fail --lineno "${LINENO:-}"'

#/**
# <s:function group="failures">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>failNotEquals</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>unexpected</parameter></paramdef>

```

```

# <paramdef>string <parameter>actual</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Fails the test if <emphasis>unexpected</emphasis> and
# <emphasis>actual</emphasis> are <emphasis role="strong">not</emphasis>
# equal to one another. The message is optional.</para>
# </entry>
# </s:function>
#*/
failNotEquals()
{
    ${_SHUNIT_LINENO_}
    if [ $# -lt 2 -o $# -gt 3 ]; then
        _shunit_error 'failNotEquals() requires one or two arguments'
        return ${SHUNIT_ERROR}
    fi
    _shunit_shouldSkip && return ${SHUNIT_TRUE}

    [ -z "${shunit_message_:-}" ] && shunit_message_=""
    if [ $# -eq 3 ]; then
        shunit_message_="${shunit_message_}$1"
        shift
    fi
    shunit_unexpected_=$1
    shunit_actual_=$2

    _shunit_testFailed "${shunit_message_:+${shunit_message_} }expected:<${shunit_unexpected_}> but
was:<${shunit_actual_}>"

    unset shunit_message_ shunit_unexpected_ shunit_actual_
    return ${SHUNIT_FALSE}
}
_FAIL_NOT_EQUALS_='eval failNotEquals --lineno "${LINENO:-}"'

#/**
# <s:function group="failures">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>failSame</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>Indicate test failure because arguments were not the same. The
# message is optional.</para>

```

```

# </entry>
# </s:function>
#*/
failSame()
{
  ${_SHUNIT_LINENO_}
  if [ $# -lt 2 -o $# -gt 3 ]; then
    _shunit_error 'failSame() requires two or three arguments'
    return ${SHUNIT_ERROR}
  fi
  _shunit_shouldSkip && return ${SHUNIT_TRUE}

  [ -z "${shunit_message_:-}" ] && shunit_message_=""
  if [ $# -eq 3 ]; then
    shunit_message_="${shunit_message_}$1"
    shift
  fi

  _shunit_testFailed "${shunit_message_:+${shunit_message_} }expected not same"

  unset shunit_message_
  return ${SHUNIT_FALSE}
}
_FAIL_SAME_='eval failSame --lineno "${LINENO:-}"'

#/**
# <s:function group="failures">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <functsynopsis>
# <funcprototype>
# <funcdef><function>failNotSame</function></funcdef>
# <paramdef>string <parameter>[message]</parameter></paramdef>
# <paramdef>string <parameter>expected</parameter></paramdef>
# <paramdef>string <parameter>actual</parameter></paramdef>
# </funcprototype>
# </functsynopsis>
# <para>Fails the test if <emphasis>expected</emphasis> and
# <emphasis>actual</emphasis> are equal to one another. The message is
# optional.</para>
# </entry>
# </s:function>
#*/
failNotSame()
{
  ${_SHUNIT_LINENO_}

```



```

if [ $# -lt 2 -o $# -gt 3 ]; then
    _shunit_error 'failNotEquals() requires one or two arguments'
    return ${SHUNIT_ERROR}
fi
_shunit_shouldSkip && return ${SHUNIT_TRUE}

if [ $# -eq 2 ]; then
    failNotEquals "$1" "$2"
else
    failNotEquals "$1" "$2" "$3"
fi
}
_FAIL_NOT_SAME_='eval failNotSame --lineno "${LINENO:-}"'

#-----
# skipping functions
#

/**
# <s:function group="skipping">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>startSkipping</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function forces the remaining assert and fail functions to be
# "skipped", i.e. they will have no effect. Each function skipped will be
# recorded so that the total of asserts and fails will not be altered.</para>
# </entry>
# </s:function>
#*/
startSkipping()
{
    __shunit_skip=${SHUNIT_TRUE}
}

/**
# <s:function group="skipping">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>

```

```

# <funcprototype>
# <funcdef><function>endSkipping</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function returns calls to the assert and fail functions to their
# default behavior, i.e. they will be called.</para>
# </entry>
# </s:function>
#*/
endSkipping()
{
    __shunit_skip=${SHUNIT_FALSE}
}

#/**
# <s:function group="skipping">
# <entry align="right">
# <emphasis>boolean</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>isSkipping</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function returns the state of skipping.</para>
# </entry>
# </s:function>
#*/
isSkipping()
{
    return ${__shunit_skip}
}

#-----
# suite functions
#

#/**
# <s:function group="suites">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>

```

```

# <funcdef><function>suite</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function can be optionally overridden by the user in their test
# suite.</para>
# <para>If this function exists, it will be called when
# <command>shunit2</command> is sourced. If it does not exist, shUnit2 will
# search the parent script for all functions beginning with the word
# <literal>test</literal>, and they will be added dynamically to the test
# suite.</para>
# </entry>
# </s:function>
#*/
# Note: see _shunit_mktempFunc() for actual implementation
# suite() { ;; }

#/**
# <s:function group="suites">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>suite_addTest</function></funcdef>
# <paramdef>string <parameter>function</parameter></paramdef>
# </funcprototype>
# </funcsynopsis>
# <para>This function adds a function name to the list of tests scheduled for
# execution as part of this test suite. This function should only be called
# from within the <function>suite()</function> function.</para>
# </entry>
# </s:function>
#*/
suite_addTest()
{
    _su_func=${1:-}

    __shunit_suite="$_shunit_suite:+$_shunit_suite }$_su_func"

    unset _su_func
}

#/**
# <s:function group="suites">
# <entry align="right">
# <emphasis>void</emphasis>

```

```

# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>oneTimeSetUp</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function can be be optionally overridden by the user in their
# test suite.</para>
# <para>If this function exists, it will be called once before any tests are
# run. It is useful to prepare a common environment for all tests.</para>
# </entry>
# </s:function>
#*/
# Note: see _shunit_mktempFunc() for actual implementation
# oneTimeSetUp() { ;; }

#/**
# <s:function group="suites">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>oneTimeTearDown</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function can be be optionally overridden by the user in their
# test suite.</para>
# <para>If this function exists, it will be called once after all tests are
# completed. It is useful to clean up the environment after all tests.</para>
# </entry>
# </s:function>
#*/
# Note: see _shunit_mktempFunc() for actual implementation
# oneTimeTearDown() { ;; }

#/**
# <s:function group="suites">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>

```

```

# <funcdef><function>setUp</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function can be be optionally overridden by the user in their
# test suite.</para>
# <para>If this function exists, it will be called before each test is run.
# It is useful to reset the environment before each test.</para>
# </entry>
# </s:function>
#*/
# Note: see _shunit_mktempFunc() for actual implementation
# setUp() { ;; }

#/**
# <s:function group="suites">
# <entry align="right">
# <emphasis>void</emphasis>
# </entry>
# <entry>
# <funcsynopsis>
# <funcprototype>
# <funcdef><function>tearDown</function></funcdef>
# <paramdef />
# </funcprototype>
# </funcsynopsis>
# <para>This function can be be optionally overridden by the user in their
# test suite.</para>
# <para>If this function exists, it will be called after each test completes.
# It is useful to clean up the environment after each test.</para>
# </entry>
# </s:function>
#*/
# Note: see _shunit_mktempFunc() for actual implementation
# tearDown() { ;; }

#-----
# internal shUnit2 functions
#

_shunit_cleanup()
{
name=$1

case ${name} in
EXIT) signal=0 ;;
INT) signal=2 ;;
TERM) signal=15 ;;

```

```

*)
  _shunit_warn "unrecognized trap value (${name})"
  signal=0
  ;;
esac

# do our work
rm -fr "${__shunit_tmpDir}"

# exit for all non-EXIT signals
if [ ${name} != 'EXIT' ]; then
  _shunit_warn "trapped and now handling the (${name}) signal"
  _shunit_generateReport
  # disable EXIT trap
  trap 0
  # add 128 to signal and exit
  exit `expr ${signal} + 128`
fi
}

_shunit_execSuite()
{
  echo '#'
  echo '# Performing tests'
  echo '#'
  for _su_func in ${__shunit_suite}; do
    # disable skipping
    endSkipping

    # execute the per-test setup function
    setUp

    # execute the test
    echo "${_su_func}"
    eval ${_su_func}

    # execute the per-test tear-down function
    tearDown
  done

  unset _su_func
}

_shunit_generateReport()
{
  _su__awkPercent='{printf("%4d %3.0f%% ", $1, $1*100/$2)}'
  if [ ${__shunit_testsTotal:-0} -gt 0 ]; then
    _su__passed=`echo ${__shunit_testsPassed} ${__shunit_testsTotal} | \

```

```

    awk "${_su__awkPercent}"`
    _su__failed=`echo ${__shunit_testsFailed} ${__shunit_testsTotal} \|
    awk "${_su__awkPercent}"`
    _su__skipped=`echo ${__shunit_testsSkipped} ${__shunit_testsTotal} \|
    awk "${_su__awkPercent}"`
    _su__total=`echo ${__shunit_testsTotal} 100 \|
    awk '{printf("%4d %3d%%", $1, $2)}'`
else
    _su__passed=`echo 0 0 |awk '{printf("%4d %3d%%", $1, $2)}'`
    _su__failed=${_su__passed}
    _su__skipped=${_su__passed}
    _su__total=${_su__passed}
fi

cat <<EOF

#
# Test report
#
tests passed: ${_su__passed}
tests failed: ${_su__failed}
tests skipped: ${_su__skipped}
tests total:  ${_su__total}
EOF

unset _su__awkPercent _su__passed _su__failed _su__skipped _su__total
}

# this function is a cross-platform temporary directory creation tool. not all
# OSes have the mktemp function, so one is included here.
_shunit_mktempDir()
{
# try the standard mktemp function
( exec mktemp -dqt shunit.XXXXXXX 2>/dev/null ) && return

# the standard mktemp didn't work. doing our own.
if [ -r '/dev/urandom' ]; then
    _su__random=`od -vAn -N4 -tx4 </dev/urandom |sed 's/^[^0-9a-f]*//`
elif [ -n "${RANDOM:-}" ]; then
    # $RANDOM works
    _su__random=${RANDOM}${RANDOM}${RANDOM}$$
else
    # $RANDOM doesn't work
    _su__date=`date '+%Y%m%d%H%M%S'`
    _su__random=`expr ${_su__date} / $$`
fi

    _su__tmpDir="${TMPDIR:-/tmp}/shunit.${_su__random}"

```

```

( umask 077 && mkdir "${_su__tmpDir}" ) || {
    echo 'shUnit:FATAL could not create temporary directory! exiting' >&2
    exit 1
}

echo ${_su__tmpDir}
unset _su__date _su__random _su__tmpDir
}

# this function is here to work around issues in Cygwin
_shunit_mktempFunc()
{
    for _su__func in oneTimeSetUp oneTimeTearDown setUp tearDown suite; do
        _su__file="${_shunit_tmpDir}/${_su__func}"
        cat <<EOF >"${_su__file}"
        #!/bin/sh
        exit 0
        EOF
        chmod +x "${_su__file}"
    done

    unset _su__file
}

_shunit_shouldSkip()
{
    [ $__shunit_skip -eq ${SHUNIT_FALSE} ] && return ${SHUNIT_FALSE}
    _shunit_testSkipped
}

_shunit_testPassed()
{
    __shunit_testsPassed=`expr ${__shunit_testsPassed} + 1`
    __shunit_testsTotal=`expr ${__shunit_testsTotal} + 1`
}

_shunit_testFailed()
{
    _su__msg=$1

    __shunit_testsFailed=`expr ${__shunit_testsFailed} + 1`
    __shunit_testsTotal=`expr ${__shunit_testsTotal} + 1`
    echo "${__SHUNIT_ASSERT_MSG_PREFIX}${_su__msg}" >&2

    unset _su__msg
}

_shunit_testSkipped()

```



```

{
__shunit_testsSkipped=`expr ${__shunit_testsSkipped} + 1`
__shunit_testsTotal=`expr ${__shunit_testsTotal} + 1`
}

#-----
# main
#

# create a temporary storage location
__shunit_tmpDir=`_shunit_mktempDir`

# setup traps to clean up after ourselves
trap '_shunit_cleanup EXIT' 0
trap '_shunit_cleanup INT' 2
trap '_shunit_cleanup TERM' 15

# create phantom functions to work around issues with Cygwin
_shunit_mktempFunc
PATH="${__shunit_tmpDir}:${PATH}"

# execute the oneTimeSetUp function (if it exists)
oneTimeSetUp

# execute the suite function defined in the parent test script
# deprecated as of 2.1.0
suite

# if no suite function was defined, dynamically build a list of functions
if [ -z "${__shunit_suite}" ]; then
shunit_funcs_=`grep "^[ \t]*test[A-Za-z0-9_]* *()" ${__SHUNIT_PARENT} \
|sed 's/^[^A-Za-z0-9_]/g`
for shunit_func_ in ${shunit_funcs_}; do
suite_addTest ${shunit_func_}
done
fi
unset shunit_func_ shunit_funcs_

# execute the tests
_shunit_execSuite

# execute the oneTimeTearDown function (if it exists)
oneTimeTearDown

# generate report
_shunit_generateReport

# restore the previous set of shell flags

```

```
for shunit_shellFlag_ in ${__SHUNIT_SHELL_FLAGS}; do
  echo ${shunit_shellFlags_} |grep ${shunit_shellFlag_} >/dev/null \
  || set +${shunit_shellFlag_}
done
unset shunit_shellFlag_ shunit_shellFlags_
```

```
[ ${__shunit_testsFailed} -eq 0 ] || exit 1
```

```
#!/**
# </s:shelldoc>
#*/
```

Found in path(s):

```
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/test/shunit2/shunit2
```

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```
/*
```

```
* libuci - Library for the Unified Configuration Interface
* Copyright (C) 2008 Felix Fietkau <nbd@openwrt.org>
*
* This program is free software; you can redistribute it and/or modify
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*/
```

Found in path(s):

```
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/uci.h
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/parse.c
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/list.c
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/libuci.c
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/delta.c
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/util.c
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/uci_internal.h
* /opt/cola/permits/1652866409_1682407787.9506059/0/uci-2015-08-27-1-5-tar-gz/uci-2015-08-27.1/file.c
```

1.39 lighttpd 1.4.38

1.39.1 Available under license :

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1.40 tcpdump 4.9.3

1.40.1 Available under license :

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1.41 pciutils 3.4.0

1.41.1 Available under license :

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Version 2, June 1991

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```

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1.42 ubox 2019-06-16

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Found in path(s):

```
* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/lbloader.c
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 */
```

Found in path(s):

```
* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/validate/validate.c
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* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/kmodloader.c

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Package: ubox

Version: 2019-06-16-4df34a4d-3

Depends: libc, libssp, librt, libpthread, libubox20191228, ubusd, ubus, libubus20191227, libuci20130104

Source: package/system/ubox

SourceName: ubox

License: GPL-2.0

Section: base

Maintainer: John Crispin <john@phrozen.org>

Architecture: arm_cortex-a9_vfpv3-d16

Installed-Size: 15699

Description: OpenWrt system helper toolbox

Found in path(s):

* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/ipkg-arm_cortex-a9_vfpv3-d16/ubox/CONTROL/control
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Found in path(s):

* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/log/syslog.c

* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/log/syslog.h

* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/log/logd.c

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Package: logd

Version: 2019-06-16-4df34a4d-3

Depends: libc, libssp, librt, libpthread, libubox20191228, libubus20191227, libblobmsg-json

Source: package/system/ubox

SourceName: logd

License: GPL-2.0

Section: base

Maintainer: John Crispin <john@phrozen.org>

Architecture: arm_cortex-a9_vfpv3-d16

Installed-Size: 11333

Description: OpenWrt system log implementation

Found in path(s):

* /opt/cola/permits/1357839059_1657095663.9212294/0/ubox-2019-06-16-4df34a4d-zip/ubox-2019-06-16-4df34a4d/ipkg-arm_cortex-a9_vfpv3-d16/logd/CONTROL/control

1.43 ubi-utils 1.5.1

1.43.1 Available under license :

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1.44 busybox 1.29.3

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1.45 util-linux 2.30.2

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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
```

```
;9GimCN7g
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
```

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1.46 dmalloc 5.5.2

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```
#!/usr/bin/perl5 -w
#
# dmalloc_summarize -- summarizes dmalloc log files
#
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```

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

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1.47 tftpy 0.6.2

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1.48 websocket-client 0.47.0

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1.49 u-boot 2010.06

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1.50 libevent 2.1.4-alpha

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1.51 popt 1.16-r6

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1.52 json-c 0.12

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1.53 opkg 0.1.8

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1.54 kexec-tools 2.0.18

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1.55 libvirt 1.2.15

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1.56 libtool 2.4

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1.59 strace 4.8

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1.60 bzip2 1.0.8

1.61 libpcap 1.9.1

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1.62 headline 8.0

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* Rob Earhart
* Rob Siemborski
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1.64 libxml2 2.9.7

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

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Ty Coon, President of Vice

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1.67 pnp 1.8.0.dev16

1.67.1 Available under license :

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

```
[bdist_rpm]
release = 1
packager = Network Plug-n-Play <pnp-dev@cisco.com>
doc_files = README.rst
no-autoreq = 1
post-install = pnp/data/cfg/post_install_rpm.sh
rpm-base = ./rpmbuild
binary-only = 1
description = Plug-n-Play Agent for Cisco Network-PnP
keep-temp = 1
```

```
[install]
prefix = /isan
install_lib = /isan/python/scripts
```

```
[egg_info]
tag_build =
tag_date = 0
tag_svn_revision = 0
```

Found in path(s):

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/setup.cfg

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

```
Metadata-Version: 1.1
Name: pnp
Version: 1.8.0.dev16
Summary: Plug-n-Play Agent for Cisco Network-PnP
Home-page: https://developer.cisco.com/site/open-plug-n-play/
Author: Network Plug-n-Play
Author-email: pnp-support@cisco.com
License: Cisco Proprietary
Description: UNKNOWN
Keywords: posix pnp agent plug-n-play client
Platform: UNKNOWN
Classifier: Operating System :: POSIX :: Linux
Classifier: Programming Language :: Python :: 2.7
```

Found in path(s):

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/PKG-INFO

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp.egg-info/PKG-INFO

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

license='Cisco Proprietary',

Found in path(s):

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/setup.py

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

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Found in path(s):

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/mechanisms/cc0_discovery.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/capwap.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/platform_constants.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/vbond.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/utis/timer.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/network/connection_manager.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/infra/notify.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/event.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/action.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/redirection.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/certificate.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/vbond.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/wlc.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/vrf.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/certificate_install.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/wlc.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/xml/xmlgenerator.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/xml/xmlparser.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/pnp_infra.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/api/notify.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/profile/profile.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/network/vrf.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/capwap.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/infra/lease_parser.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/objects.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/interface_info_db.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/device.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-

gz/pnp/discovery/mechanisms/platform_discovery.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/script_exec.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/mechanisms/dhcp_discovery.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/sudi.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/utis/pnp_constants.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/utis/pnp_file_paths.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/api/platform_discovery.py

* /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/utis/pnp_logging.py

- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/infra/discovery_manager.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/clock_sync.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/agent.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/faults.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/api/lease_parser.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/event.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/profile/profile_manager.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/tag.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/cdp.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/handler.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/clock_sync.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/network/security.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/network/connection_client.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/cdp.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/network/http_conn_client.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/script_exec.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/utills/pnp_utills.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/interface_info.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/infra/errors.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/api/pnp_service.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/errors.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/infra/policy.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/backoff.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/cli_config.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/api/user_auth.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/posix_pnp_nohup.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/sudi.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/discovery/mechanisms/dns_discovery.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/utills/file_utills.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/exec_log.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/script.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/errors.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/device_auth.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/topology.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/device.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/network/resolve.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/capability.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/service/services/device_info.py
- * /opt/cola/permits/1155085380_1620410460.72/0/posix-pnp-tar-gz/pnp/infra/system/user_auth.py

1.68 redis 3.2.1

1.68.1 Available under license :

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1.69 net-snmp 5.7.3

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1.71 ncurses 6.1

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2. [2]Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
3. [3]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
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28. [30]Frank Kardel [31]<kardel (at) ntp (dot) org> PARSE <GENERIC> (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
29. [32]Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote sntp to comply with NTPv4 specification, ntpq saveconfig
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31. [34]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
32. [35]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
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36. [39]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
37. [40]David L. Mills <mills@udel.edu> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36
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42. [45]Derek Mulcahy <derek@toybox.demon.co.uk> and [46]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
43. [47]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
44. [48]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port

46. [50]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
 47. [51]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
 48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
 49. [53]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
 50. [54]Michael Shields <shields@tembel.org> USNO clock driver
 51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
 52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
 53. [57]Kenneth Stone <ken@sdd.hp.com> HP-UX port
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References

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1.76 lua-cjson 2.1.0

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1.77 e2fsprogs 1.42.12

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*/

Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

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

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

*/

/*

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

- trivial database library - private includes

-

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Theodore Ts'o
23-June-2007

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The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program 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.

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Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

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

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

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

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

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

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"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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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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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!

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

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

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

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

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

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

From the original distribution:

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#

This is a Makefile stub which handles the creation of BSD shared # libraries.

#

In order to use this stub, the following makefile variables must be defined.

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

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

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBJS)

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

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

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

```
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \  
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))  
  
install-shlibs install:: $(BSD_LIB)  
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"  
@$(INSTALL_PROGRAM) $(BSD_LIB) \  
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)  
@-$(LDCONFIG)  
  
install-strip: install  
  
install-shlibs-strip: install-shlibs  
  
uninstall-shlibs uninstall::  
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::  
$(RM) -rf pic  
$(RM) -f $(BSD_LIB)  
$(RM) -f ../$(BSD_LIB)  
This is the Debian GNU/Linux prepackaged version of the Common Error  
Description library. It is currently distributed together with the EXT2 file  
system utilities, which are otherwise packaged as "e2fsprogs".
```

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

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Gadi Oxman, August 1995

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1.78 mtd-utils 1.5.1

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1.79 python 2.7.17

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

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

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

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

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

2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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1.81 libconfig 1.4.9

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Version 2.1, February 1999

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That's all there is to it!

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

@c

@c %**start of header

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```
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@t{
<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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Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
}
@end format
```

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```
@format
@t{
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
}
@end format
```

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@c @bye

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Upstream Author: Mark A Lindner

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Daniel Marjamdki - Enhancements & bugfixes.

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1.82 tdb 1.42.12

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```
#!/usr/bin/env python3
# Some simple tests for the Python bindings for TDB
# Note that this tests the interface of the Python bindings
# It does not test tdb itself.
#
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```

1.83 expat 2.2.8

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1.84 gettext 0.19.5

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```

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@var{signature of Ty Coon}, 1 April 1990
```

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Ty Coon, President of Vice
```

```
@end smallexample
```

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@center Version 2, June 1991
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@display
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@end enumerate

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@end enumerate

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@page

@heading Appendix: How to Apply These Terms to Your New Programs

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

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

@smallexample

@var{one line to give the program's name and a brief idea of what it does.}

Copyright (C) @var{yyyy} @var{name of author}

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@end smallexample

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

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

@smallexample

Gnomovision version 69, Copyright (C) @var{year} @var{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.

@end smallexample

The hypothetical commands @samp{show w} and @samp{show c} should show the appropriate parts of the General Public License. Of course, the

commands you use may be called something other than @samp{show w} and @samp{show c}; they could even be mouse-clicks or menu items---whatever suits your program.

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

@example

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@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

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Version 2.1, February 1999

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Major authors:

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Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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```

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```
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```

```
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```

```
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1.91 zlib 1.2.8

1.91.1 Available under license :

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

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

*/

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1.92 binutils-linaro 2.24.0-2014.09

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If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

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the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for

some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error

checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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

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

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the

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

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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.

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.

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

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

@end enumerate

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@enumerate a

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@end iftex

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@page

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```
@smallexample
@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

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```
@end smallexample
```

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:

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

```
@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

That's all there is to it!

1.93 dropbear 2016.74

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=====

sshpty.c is taken from OpenSSH 3.5p1,

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=====

loginrec.c

loginrec.h

atomicio.h

atomicio.c

and strlcat() (included in util.c) are from OpenSSH 3.6.1p2, and are licensed under the 2 point BSD license.

loginrec is written primarily by Andre Lucas, atomicio.c by Theo de Raadt.

strlcat() is (c) Todd C. Miller

=====

Import code in keyimport.c is modified from PuTTY's import.c, licensed as follows:

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=====

curve25519-donna:

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*

* curve25519-donna: Curve25519 elliptic curve, public key function

*

* <http://code.google.com/p/curve25519-donna/>

*

* Adam Langley <agl@imperialviolet.org>

*

* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

```
*
* More information about curve25519 can be found here
* http://cr.yp.to/ecdh.html
*
* djb's sample implementation of curve25519 is written in a special assembly
* language called qhasm and uses the floating point registers.
*
* This is, almost, a clean room reimplementation from the curve25519 paper. It
* uses many of the tricks described therein. Only the crecip function is taken
* from the sample implementation.
*/
```

1.94 ntpclient 2010

1.94.1 Available under license :

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

```
/*
* phaselock.c - Phase locking for NTP client
*
* Copyright (C) 2000, 2007 Larry Doolittle <larry@doolittle.boa.org>
* Last hack: 30 December, 2007
*
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* time of writing, that license was published by the FSF with the URL
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* GNU General Public License for more details.
*
* Possible future improvements:
* - Subtract configurable amount from errorbar
* - Build in general run-time access to tune parameters
* - Sculpt code so it's legible, this version is out of control
* - Write documentation :-(
*/
```

Found in path(s):

```
*/opt/cola/permits/1652861170_1682406855.7505476/0/ntpclient-2010-365-tar-gz/ntpclient-2010/phaselock.c
```

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

ntpclient is an NTP (RFC-1305, RFC-4330) client for unix-alike computers.

Its functionality is a small subset of xntpd, but IMHO performs better (or at least has the potential to function better) within that limited scope. Since it is much smaller than xntpd, it is also more relevant for embedded computers.

ntpclient is Copyright 1997, 1999, 2000, 2003, 2006, 2007 Larry Doolittle, and may be freely copied and modified according to the terms of the GNU General Public License, version 2. If you want to distribute ntpclient under other terms, contact me. I might agree to some other arrangement, if you talk to me before you start violating GPL terms.

ntpclient home page: <http://doolittle.icarus.com/ntpclient/>

Joachim Nilsson created a fork of ntpclient that he maintains at <http://vmlinux.org/jocke/ntpclient.shtml>. We don't have the same maintainance and build system sensibilities; some people may prefer his. In particular, he has converted his ntpclient to daemon and syslog. The basic functionality of the two versions should be identical.

To build on Linux, type "make". Solaris and other Unix users will probably need to adjust the Makefile slightly. It's not complex. For changing the system clock frequency, only the Linux adjtimex(2) interface is implemented at this time. Non-Linux systems can only use ntpclient to measure time differences and set the system clock, by way of the POSIX 1003.1-2001 standard routines clock_gettime() and clock_settime(). Also see "Bugs", below.

There are a few compile-time configurations possible, which require editing the Makefile. Either do or don't define

ENABLE_DEBUG
ENABLE_REPLAY
USE_OBSOLETE_GETTIMEOFDAY
PRECISION_SIOCGSTAMP

Try it first without changing the default: that will give you a full-featured ntpclient, that uses modern POSIX time functions, and works reasonably with any Linux kernel. There are comments in ntpclient.c that you should read before experimenting with PRECISION_SIOCGSTAMP.

Some older but otherwise (almost) serviceable Linux systems (e.g., Red Hat EL-3.0 and Ubuntu 4.10) have a totally broken POSIX clock_settime() implementation. If you get "clock_settime: Invalid argument" when you run ntpclient -s, rebuild with `-DUSE_OBSOLETE_GETTIMEOFDAY`. Linux systems that are even older won't even compile without that switch set.

Usage: ntpclient [options]

options:

-c count stop after count time measurements (default 0 means go forever)

-d print diagnostics (feature can be disabled at compile time)

- g goodness causes ntpclient to stop after getting a result more accurate than goodness (microseconds, default 0 means go forever)
- h hostname (mandatory) NTP server, against which to measure system time
- i interval check time every interval seconds (default 600)
- l attempt to lock local clock to server using adjtimex(2)
- p port local NTP client UDP port (default 0 means "any available")
- q min_delay minimum packet delay for transaction (default 800 microseconds)
- r replay analysis code based on stdin
- s simple clock set (implies -c 1)
- t trust network and server, no RFC-4330 recommended cross-checks

Mortal users can use this program for monitoring, but not clock setting (with the -s or -l switches). The -l switch is designed to be robust in any network environment, but has seen the most extensive testing in a low latency (less than 2 ms) Ethernet environment. Users in other environments should study ntpclient's behavior, and be prepared to adjust internal tuning parameters. A long description of how and why to use ntpclient is in the HOWTO file. ntpclient always sends packets to the server's UDP port 123.

One commonly needed tuning parameter for lock mode is min_delay, the shortest possible round-trip transaction time. This can be set with the command line -q switch. The historical default of 800 microseconds was good for local Ethernet hardware a few years ago. If it is set too high, you will get a lot of "inconsistent" lines in the log file when time locking (-l switch). The only true future-proof value is 0, but that will cause the local time to wander more than it should. I use 200 on my workstation.

The test.dat file has 200 lines of sample output. Its first few lines, with the output column headers that are shown when the -d option is chosen, are:

```

day second elapsed stall skew dispersion freq
36765 00180.386 1398.0 40.3 953773.9 793.5 -1240000
36765 00780.382 1358.0 41.3 954329.0 915.5 -1240000
36765 01380.381 1439.0 56.0 954871.3 915.5 -1240000

```

day, second: time of measurement, UTC, relative to NTP epoch (Jan 1, 1900)

elapsed: total time from query to response (microseconds)

stall: time the server reports that it sat on the request (microseconds)

skew: difference between local time and server time (microseconds)

dispersion: reported by server, see RFC-1305 (microseconds)

freq: local clock frequency adjustment (Linux only, ppm*65536)

A relatively new feature is a series of sanity checks on

UDP packets received, generally as recommended by RFC-4330. If it fails one of these tests, the line described above is replaced by

```
36765 01380.381 rejected packet
```

or, if ENABLE_DEBUG was selected at compile time, one of

36765 01380.381 rejected packet: LI==3
36765 01380.381 rejected packet: VN<3
36765 01380.381 rejected packet: MODE!=3
36765 01380.381 rejected packet: ORG!=sent
36765 01380.381 rejected packet: XMT==0
36765 01380.381 rejected packet: abs(DELAY)>65536
36765 01380.381 rejected packet: abs(DISP)>65536
36765 01380.381 rejected packet: STRATUM==0

To see the actual values of the rejected packet, start ntpclient with the -d option; this will give a human-readable printout of every packet received, including the rejected ones. To skip these checks, use the -t switch.

test.dat is suitable for piping into ntpclient -r. I have over 200000 samples (lines) archived for study, that I don't include here. They are generally spaced 10 minutes apart, representing over three years of data logging (from a variety of machines, and not continuous, unfortunately).

As a special, added bonus, I also include my adjtimex(1) program. See its man page and the HOWTO file for more information.

envelope is a perl script that I have used for my lock studies. It's kind of a hack and not worth documenting here.

Changes since the widely distributed ntpclient_2000_345 version:

- new -g option (has had limited testing)
- changed max frequency adjustment from 91 ppm to 150 ppm
- fixed "inconsistent" bug in phaselock.c triggered by large freq errors
- new files: HOWTO, adjtimex.c, adjtimex.1, rate.awk, log2date.pl
- minor source code cleanups
- source is now as 64-bit clean as practical; tested on Alpha
- optional patches provided by Andy Warner, see andyw.patch
- optional patches provided by Linksys, see linksys.patch
- removed unreasonable 15020 day offset in date column (xntpd has this offset, which turns days-since-1900-epoch into Modified Julian Day)

Changes since the widely distributed ntpclient_2003_194 version:

- default build is now -std=c99, but c89 sill works too
- switch default compile from gettimeofday() to POSIX clock_gettime()
- more sanity checking on the NTP reply packet, reference RFC-4330
- fractional second printing in debug output changed to traditional decimal
- new -f switch to set initial frequency
- works to specify both -s and -l, will jump-set first and then phase lock
- bug fix for select() error handling, thanks to Walter Harms
- new man page, contributed by Walter Harms
- most subroutines are now flagged static to the compiler
- structural changes to the code, such as the new ntpclient.h file
- dropped (mostly) obsolete patches from Linksys and Andy Warner

Changes since ntpclient_2006_318:

- adjustable min_delay parameter, used to be hard-coded 800 microseconds
- remove useless listen() call, thanks to Alexander Indenbaum
- fix length passed to recvfrom(), thanks to Alexander Indenbaum
- tidy up 32-bit integer declarations, prodding from Brian McAllister
- added rate2.awk, contributed by Lou Sortman
- provide easy way to override 15 second MIN_INTERVAL at compile time
- relax MIN_INTERVAL enforcement for one-shot use, thanks to Mihai Buha

Changes since ntpclient_2007_365:

- fixed type of sa_xmit_len, thanks vapier
- dropped underscores in spelling of adjtimex(2), might make uClibc happier
- include netdb.h and always define _BSD_SOURCE to get prototype for herror
- minor formatting to align with Nilsson's fork
- add -fno-strict-aliasing as needed by traditional network coding style

Bugs:

- Doesn't understand the LI (Leap second Indicator) field of an NTP packet
- Doesn't interact with adjtimex(2) status value
- Can't query multiple servers
- IPv4 only
- Requires Linux-style select() semantics, where timeout value is modified
- Always returns success (0)

Adherence to RFC-4330 chapter 10, Best practices:

1. enforced, unless someone tinkers with the source code
2. no backoff, but no retry either; this isn't TCP
3. not in scope for the upstream source
4. not in scope for the upstream source
5. not in scope for the upstream source
6. supported
7. not supported
8. not supported (scary opportunity to DOS the _client_)

- Larry Doolittle <larry@doolittle.boa.org>

Found in path(s):

* /opt/cola/permits/1652861170_1682406855.7505476/0/ntpclient-2010-365-tar-gz/ntpclient-2010/README

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

." distributed under GPL

General Public License, version 2. If you want to distribute ntpclient

Found in path(s):

* /opt/cola/permits/1652861170_1682406855.7505476/0/ntpclient-2010-365-tar-gz/ntpclient-2010/ntpclient.1

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

```
/*
 * ntpclient.c - NTP client
 *
 * Copyright (C) 1997, 1999, 2000, 2003, 2006, 2007, 2010 Larry Doolittle <larry@doolittle.boa.org>
 *
 * This program is free software; you can redistribute it and/or modify
 * it under the terms of the GNU General Public License (Version 2,
 * June 1991) as published by the Free Software Foundation. At the
 * time of writing, that license was published by the FSF with the URL
 * http://www.gnu.org/copyleft/gpl.html, and is incorporated herein by
 * reference.
 *
 * This program is distributed in the hope that it will be useful,
 * but WITHOUT ANY WARRANTY; without even the implied warranty of
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
 * GNU General Public License for more details.
 *
 * Possible future improvements:
 * - Write more documentation :-(
 * - Support leap second processing
 * - Support IPv6
 * - Support multiple (interleaved) servers
 *
 * Compile with -DPRECISION_SIOCGSTAMP if your machine really has it.
 * There are patches floating around to add this to Linux, but
 * usually you only get an answer to the nearest jiffy.
 * Hint for Linux hacker wannabes: look at the usage of get_fast_time()
 * in net/core/dev.c, and its definition in kernel/time.c .
 *
 * If the compile gives you any flak, check below in the section
 * labelled "XXX fixme - non-automatic build configuration".
 */
```

Found in path(s):

```
*/opt/cola/permits/1652861170_1682406855.7505476/0/ntpclient-2010-365-tar-gz/ntpclient-2010/ntpclient.c
No license file was found, but licenses were detected in source scan.
```

```
/*
 * adjtimex_1.c - read, and possibly modify, the Linux kernel `timex' variables.
 *
 * Originally written: October 1997
 * Last hack: May 2003
 * Copyright 1997, 2000, 2003 Larry Doolittle <larry@doolittle.boa.org>
 *
 * This program is free software; you can redistribute it and/or modify
 * it under the terms of the GNU General Public License (Version 2,
 * June 1991) as published by the Free Software Foundation. At the
 * time of writing, that license was published by the FSF with the URL
```


* <http://www.gnu.org/copyleft/gpl.html>, and is incorporated herein by
* reference.
*
* This program is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
* GNU General Public License for more details.
*
* This adjtimex(1) is very similar in intent to adjtimex(8) by Steven
* Dick <ssd@nevets.oau.org> and Jim Van Zandt <jrv@vanzandt.mv.com>
* (see http://metalab.unc.edu/pub/Linux/system/admin/time/adjtimex*).
* That version predates this one, and is much bigger and more
* featureful. My independently written version was very similar to
* Steven's from the start, because they both follow the kernel timex
* structure. I further tweaked this version to be equivalent to Steven's
* where possible, but I don't like getopt_long, so the actual usage
* syntax is incompatible.
*
* Amazingly enough, my Red Hat 5.2 sys/timex (and sub-includes)
* don't actually give a prototype for adjtimex(2), so building
* this code (with -Wall) gives a warning. Later versions of
* glibc fix this issue.
*
* This program is too simple for a Makefile, just build with:
* gcc -Wall -O adjtimex_1.c -o adjtimex
*/

Found in path(s):

* /opt/cola/permits/1652861170_1682406855.7505476/0/ntpclient-2010-365-tar-gz/ntpclient-2010/adjtimex.c

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