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This package was put together by Bruce Perens <Bruce@Pixar.com> from predistribution sources. Ian Murdock <imurdock@debian.org> integrated it into the base system maintained it until the end of 1995. Miquel van Smoorenburg <miquels@cistron.nl> has integrated debian support into the base package.

#### Changes:

29-January-1995 Bruce Perens <Bruce@Pixar.com>

Added Debian GNU/Linux package maintenance system files.

25-February-1995 Ian Murdock <imurdock@debian.org>

Finished integration of Sys V Init into the base system.

28-December-1995 Miquel van Smoorenburg <miquels@cistron.nl> Added debian support to sysvinit. For further changes see the ChangeLog file.

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

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## 1.10 libusb 1.0.9

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# 1.22 dosfs-tools 2.11

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## 1.23 nfs-utils 1.1.1

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## 1.24 popt 1.5

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## 1.26 zlib 1.2.3

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

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## 1.27 distutilscross 0.1

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Metadata-Version: 1.0 Name: distutilscross Version: 0.1 Summary: Cross Compile Python Extensions Home-page: http://bitbucket.org/lambacck/distutilscross/ Author: Chris Lambacher Author-email: chris@kateandchris.net License: MIT Description: Really it lets you cross build binary extensions. You need to export PYTHONXCPREFIX and LDFLAGS, something like: \$ export PYTHONXCPREFIX=/opt/eldk/ppc\_4xxFP/usr \$ export LDFLAGS="-L/opt/eldk/ppc\_4xxFP/lib -L/opt/eldk/ppc\_4xxFP/usr/lib"

It should pick up the correct include paths from the PYTHONXCPREFIX. To build use: \$ python setup.py build -x To make a cross compiled egg: \$ python setup.py build -x bdist\_egg --plat-name linux-ppc --exclude-source-files

Keywords: distutils setuptools egg compile cross-compile Platform: UNKNOWN Classifier: Development Status :: 3 - Alpha Classifier: Intended Audience :: Developers Classifier: License :: OSI Approved :: MIT License Classifier: Topic :: Software Development :: Build Tools

Found in path(s):

\* /opt/cola/permits/1234766609\_1638300694.05/0/distutilscross-0-1-tar-gz/distutilscross-0.1/distutilscross.egg-info/PKG-INFO

\* /opt/cola/permits/1234766609\_1638300694.05/0/distutilscross-0-1-tar-gz/distutilscross-0.1/PKG-INFO No license file was found, but licenses were detected in source scan.

from setuptools import setup, find\_packages

long\_description = """\
Really it lets you cross build binary extensions.

```
You need to export PYTHONXCPREFIX and LDFLAGS, something like:

$ export PYTHONXCPREFIX=/opt/eldk/ppc_4xxFP/usr

$ export LDFLAGS="-L/opt/eldk/ppc_4xxFP/lib -L/opt/eldk/ppc_4xxFP/usr/lib"
```

It should pick up the correct include paths from the PYTHONXCPREFIX. To build use: \$ python setup.py build -x

To make a cross compiled egg:

```
$ python setup.py build -x bdist_egg --plat-name linux-ppc --exclude-source-files
"""
```

setup(

```
name = "distutilscross",
version = "0.1",
description="Cross Compile Python Extensions",
long_description=long_description,
classifiers=[
    'Development Status :: 3 - Alpha',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: MIT License',
    'Topic :: Software Development :: Build Tools',
```

```
],
keywords="distutils setuptools egg compile cross-compile",
author="Chris Lambacher",
author_email="chris@kateandchris.net",
url="http://bitbucket.org/lambacck/distutilscross/",
license='MIT',
packages = find_packages(),
entry_points = {
    "distutils.commands": [
        "build=distutilscross.crosscompile:build",
    ],
    },
)
```

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

\* /opt/cola/permits/1234766609\_1638300694.05/0/distutilscross-0-1-tar-gz/distutilscross-0.1/setup.py

# 1.28 ipmi-tool 1.8.9

## 1.28.1 Available under license :

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It was downloaded from <URL:http://ipmitool.sourceforge.net/>

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# \$OpenBSD: Makefile,v 1.5 1999/02/23 23:54:16 art Exp \$

PROG= ls

SRCS= cmp.c stat\_flags.c ls.c main.c print.c util.c

.include <bsd.prog.mk>

#%PAM-1.0

auth required /lib/security/pam\_listfile.so item=user sense=deny file=/etc/ftpusers onerr=succeed auth required /lib/security/pam\_pwdb.so shadow nullok auth required /lib/security/pam\_shells.so account required /lib/security/pam\_pwdb.so session required /lib/security/pam\_pwdb.so # \$OpenBSD: Makefile,v 1.16 2000/03/01 17:27:28 deraadt Exp \$ # \$NetBSD: Makefile,v 1.13 1996/02/16 02:07:41 cgd Exp \$ # @(#)Makefile 8.2 (Berkeley) 4/4/94

PROG= ftpd CFLAGS+=-DHASSETPROCTITLE -Dunix SRCS= ftpd.c ftpcmd.c logutmp.c logwtmp.c popen.c MAN= ftpd.8 CLEANFILES+=ftpcmd.c y.tab.h

.include <bsd.own.mk>

# our internal version of ls.

LSDIR = \${.CURDIR}/../../bin/ls .PATH: \${LSDIR} SRCS += ls.c cmp.c print.c stat\_flags.c util.c CFLAGS += -I\${LSDIR}

# not really used
CPPFLAGS+=-DINET6

```
.if (${SKEY} == "yes")
CFLAGS+=-DSKEY
LDADD+= -lskey
DPADD+= ${LIBSKEY}
.endif
```

```
.if (${KERBEROS} == "yes")
SRCS+= klogin.c
.PATH: ${.CURDIR}/../../usr.bin/login
CFLAGS+= -DKERBEROS
LDADD+= -lkafs -lkrb -ldes
DPADD+= ${LIBKRB} ${LIBKRB} ${LIBKAFS}
.endif
```

```
.if (${TCP_WRAPPERS} == "yes")
CFLAGS+=-DTCPWRAPPERS
LDADD+= -lwrap
DPADD+= ${LIBWRAP}
.endif
```

.include <bsd.prog.mk>

A WARNING ABOUT GMT VS LOCALTIME to people using ftpd-BSD-0.3.0 to serve anonymous FTP who consider moving to ftpd-BSD-0.3.1

David A. Madore <david.madore@ens.fr>

(This warning should be included in the ftpd-BSD-0.3.1 distribution, but I discovered this after packaging, and I did not want to repackage, resign the tarball, rebuild the RPMs and resign them. So it will stay as a separate file.)

The FTP protocol is a bit old and does not specify in what format the file listings returned by the LIST and STAT commands are to be given. Traditionally, the Unix ``ls" program is run, so it has become the \*de facto\* standard for the commands' output format; many programs expect this and parse accordingly.

One thing is certainly not specified, and that is whether the time of last modification returned for the files listed is given in local time (the time in the server's time zone) or universal time (UT, aka Greenwich Mean Time or GMT).

Under Linux, the time format returned by the ctime() function in the (GNU) libc is determined by the contents of the /etc/localtime file which can be overridden by the TZ environment variable if it exists; if nothing is specified (e.g. if the /etc/localtime file does not exist), universal time is used (as is the case if TZ=GMT).

Version 0.3.0 of ftpd-BSD used an external ls program. In the case of anonymous ftp, this ls runs in a chroot()ed environment, and it frequently does not have an /etc/localtime file on which to rely, so it returns the time in GMT. Version 0.3.1, on the other hand, uses an internal ls function, so its time zone is initialized when the ftpd program is run, before the chroot() call is made, and the time zone used is typically the computer's local time. This means that simply moving from ftpd-BSD-0.3.0 to ftpd-BSD-0.3.1 without further precaution will offset all the last modification times returned by the LIST and STAT commands. If you live east of Greenwich, this could result in mirror sites needlessly downloading all files, thinking they have changed; if you live west of Greenwich, this could result in mirror sites not downloading files which they should have.

This may very well turn out to be a non-issue. I am not sure exactly how mirroring programs work. If you do not have any mirror sites, or if you use only non-anonymous FTP, the issue is moot. One workaround is to start ftpd with TZ=GMT set. This generally means starting inetd with TZ=GMT. Beware, though, that environments tend to be inherited quite far, and even telnetd will have TZ=GMT and if you telnet into your machine you might have universal time instead of local time as you expect (but you can always unset TZ or position it as you like, e.g. TZ=US/Eastern). Another solution is not to use the internal ls command (in which case you might as well stick to version 0.3.0). Finally, you can decide to stick to local time, but I do not recommend this as the clients have no way of knowing the server's time zone (personally I think local time is good only when talking to humans, and everything else should always use universal time: this is the strategy taken by the HTTP protocol for example).

I would appreciate it if FTP experts could tell me more about this problem. I have read about Bernstein's easily parsed LIST format (see http://cr.yp.to/ftp/list/eplf.html for a description), and I wonder whether it is worth implementing (in particular, whether some clients understand it): I might try contacting the OpenBSD people about this.

David A. Madore (david.madore@ens.fr, http://www.eleves.ens.fr:8080/home/madore/)

# 1.30 erlang-otp 20.3.8.19

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[PCRE]

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#### THE BASIC LIBRARY FUNCTIONS

\_\_\_\_\_

Written by: Philip Hazel Email local part: ph10 Email domain: cam.ac.uk

University of Cambridge Computing Service, Cambridge, England.

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[Misc C library code]

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[zlib]

/\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

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Jean-loup Gailly Mark Adler

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format). \*/

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#### [dialyzer]

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[hipe]

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[edoc, syntax\_tools]

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#### [eunit]

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THE BASIC LIBRARY FUNCTIONS

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Written by:Philip HazelEmail local part:ph10Email domain:cam.ac.uk

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# 1.32 pycparser 2.18

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#### @page

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

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

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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.

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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 file is under construction.) -\*- text -\*-

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.

This file will eventually be deleted: The general info will go into 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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# 1.45 rdma-cm 46mlnx1

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# 1.48 crash 7.1.9

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Version 2, June 1991

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# 1.57 html5lib 1.0b10

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# 1.62 xmlrpc-c 1.06.38

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# 1.64 python-setuptools 28.8.0

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# 1.66 liburcu 0.8.6

## 1.66.1 Available under license :

Mathieu Desnoyers May 13th, 2009

IBM Corporation allowed LGPLv2.1+ licensing of their contribution to the userspace RCU library in a patch submitted on May 8, 2009 from Paul E. McKenney and reviewed by Steven L. Bennett:

http://lists.casi.polymtl.ca/pipermail/ltt-dev/2009-May/001584.html

I (Mathieu Desnoyers) re-implemented ACCESS\_ONCE(), likely(), unlikely() and barrier() from scratch without reference to the original code.

commit id : 2dc5fa0f7cfbfb0a64a7a67b39626650e863f16a

Bert Wesarg <bert.wesarg@googlemail.com> approved LGPL relicensing of his patch in an email dated May 13, 2009 :

http://lkml.org/lkml/2009/5/13/16

xchg() primitives has been rewritten from a MIT-licensed cmpxchg for Intel and powerpc. They are MIT-licensed and therefore usable in LGPL code. This cmpxchg code was obtained from the atomic\_ops project:

http://www.hpl.hp.com/research/linux/atomic\_ops/

I (Mathieu Desnoyers) wrote the remainder of the code.

The license for the library files in this project was therefore changed to LGPLv2.1 on May 13, 2009, as detailed in LICENSE. GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

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Julian Seward, Cambridge, UK. jseward@acm.org bzip2/libbzip2 version 1.0.2 of 30 December 2001

/\*

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

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>>> unicode-5.0

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- 42. mailto:%20mogul@pa.dec.com
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<!-- Changed by: Harlan Stenn, 10-Mar-2014 -->

k href="scripts/style.css" type="text/css" rel="stylesheet">

</head>

<body>

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<img src="pic/sheepb.jpg" alt="jpg" align="left"> "Clone me," says Dolly sheepishly.

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<!-- #BeginDate format:En2m -->2-Jan-2017 11:58<!-- #EndDate -->
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<br clear="left">
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prototyping overhaul

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Magnavox GPS clock driver

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<a href="mailto:%20wsanchez@apple.com">Wilfredo S&aacute;nchez <wsanchez@apple.com></a> added support for NetInfo

<a href="mailto:%20mrapple@quack.kfu.com">Nick Sayer <mrapple@quack.kfu.com></a> SunOS streams modules

<a href="mailto:%20jack@innovativeinternet.com">Jack Sasportas <jack@innovativeinternet.com></a> Saved a Lot of space on the stuff in the html/pic/ subdirectory

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<a href="mailto:%20Ulrich.Windl@rz.uni-regensburg.de">Ulrich Windl<Ulrich.Windl@rz.uni-regensburg.de">Ulrich.Windl@rz.uni-regensburg.de"</ar/>

regensburg.de > </a> corrected and validated HTML documents according to the HTML DTD

<hr>

</body>

</html>

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```
#ifndef X86_BSD_NAT_H
#define X86_BSD_NAT_H
```

```
#include "x86-nat.h"
/* Low level x86 XSAVE info. */
extern size t x86bsd xsave len;
/* A prototype *BSD/x86 target. */
template<typename BaseTarget>
class x86bsd_nat_target : public x86_nat_target<BaseTarget>
{
using base_class = x86_nat_target<BaseTarget>;
public:
#ifdef HAVE_PT_GETDBREGS
void mourn_inferior () override
{
 x86_cleanup_dregs ();
 base_class::mourn_inferior ();
}
#endif /* HAVE_PT_GETDBREGS */
};
```

```
#endif /* x86-bsd-nat.h */
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{} 2007 Free Software Foundation, Inc. @url{http://fsf.org/}
```

```
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#ifndef AMD64\_BSD\_NAT\_H
#define AMD64\_BSD\_NAT\_H

#include "x86-bsd-nat.h"

/\* A prototype \*BSD/AMD64 target. \*/

template<typename BaseTarget>

class amd64\_bsd\_nat\_target : public x86bsd\_nat\_target<BaseTarget>
{

public:

void fetch\_registers (struct regcache \*regcache, int regnum) override
{ amd64bsd\_fetch\_inferior\_registers (regcache, regnum); }

void store\_registers (struct regcache \*regcache, int regnum) override
{ amd64bsd\_store\_inferior\_registers (regcache, regnum); }
};

#endif /\* i386-bsd-nat.h \*/
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Version 2.1, February 1999

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#ifndef I386\_BSD\_NAT\_H
#define I386\_BSD\_NAT\_H

extern void i386bsd\_store\_inferior\_registers (struct regcache \*regcache, int regnum);

/\* A prototype \*BSD/i386 target. \*/

template<typename BaseTarget>

class i386\_bsd\_nat\_target : public x86bsd\_nat\_target<BaseTarget>

{

public:

void fetch\_registers (struct regcache \*regcache, int regnum) override
{ i386bsd\_fetch\_inferior\_registers (regcache, regnum); }

```
void store_registers (struct regcache *regcache, int regnum) override
{ i386bsd_store_inferior_registers (regcache, regnum); }
};
```

```
#endif /* i386-bsd-nat.h */
BEGIN {
 FS="\"";
 print "/* ==> Do not modify this file!! " \setminus
 "-*- buffer-read-only: t -*- vi" \
 ":set ro:";
 print " It is created automatically by copying.awk.";
 print " Modify copying.awk instead. <== */";</pre>
 print ""
 print "#include \"defs.h\""
 print "#include \"command.h\""
 print "#include \"gdbcmd.h\""
 print ""
 print "static void show_copying_command (const char *, int);"
 print ""
 print "static void show_warranty_command (const char *, int);"
 print ""
 print "static void";
 print "show_copying_command (const char *ignore, int from_tty)";
```

```
print "{";
}
NR == 1,/^{[]*15}. Disclaimer of Warranty.[]*$/ {
  if ($0 ~ //)
   {
    printf " printf_filtered (\"\\n\");\n";
   }
  else if ($0 !~ /^[ ]*15\. Disclaimer of Warranty\.[ ]*$/)
   {
    printf " printf_filtered (\"";
    for (i = 1; i < NF; i++)
 printf "%s\\\"", $i;
    printf "%s\\n\");\n", $NF;
   }
}
/^{[]*15}. Disclaimer of Warranty\.[]*$/ {
  print "}";
  print "";
  print "static void";
  print "show_warranty_command (const char *ignore, int from_tty)";
  print "{";
}
/^[ ]*15\. Disclaimer of Warranty\.[ ]*$/, /^[ ]*END OF TERMS AND CONDITIONS[ ]*$/{
  if (! ($0 ~ /^[]*END OF TERMS AND CONDITIONS[]*$/))
   {
    printf " printf_filtered (\"";
    for (i = 1; i < NF; i++)
 printf "%s\\\"", $i;
    printf "%s\\n\");\n", $NF;
   }
}
END {
  print "}";
  print "";
  print "void"
  print "_initialize_copying (void)";
  print "{";
  print " add_cmd (\"copying\", no_set_class, show_copying_command,";
          _(\"Conditions for redistributing copies of GDB.\"),";
  print "
  print " &showlist);";
  print " add_cmd (\"warranty\", no_set_class, show_warranty_command,";
  print "
          _(\"Various kinds of warranty you do not have.\"),";
  print " &showlist);";
  print "";
  print " /* For old-timers, allow \"info copying\", etc. */";
  print " add_info (\"copying\", show_copying_command,";
  print " _(\"Conditions for redistributing copies of GDB.\"));";
  print " add_info (\"warranty\", show_warranty_command,";
```

print " \_(\"Various kinds of warranty you do not have.\"));";
print "}";
}

/\* BSD Kernel Data Access Library (libkvm) interface.

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#define \_KMEMUSER
#include "defs.h"
#include "cli/cli-cmds.h"
#include "command.h"
#include "frame.h"
#include "regcache.h"
#include "regcache.h"
#include "target.h"
#include "process-stratum-target.h"
#include "yalue.h"
#include "gdbcore.h"
#include "inferior.h" /\* for get\_exec\_file \*/
#include "gdbthread.h"

#include <fcntl.h>
#include <kvm.h>
#ifdef HAVE\_NLIST\_H
#include <nlist.h>
#endif
#include <paths.h>
#include "readline/readline.h"
#include <sys/param.h>
#include <sys/proc.h>
#ifdef HAVE\_SYS\_USER\_H
#include <sys/user.h>
#endif

#include "bsd-kvm.h"

/\* Kernel memory device file. \*/
static const char \*bsd\_kvm\_corefile;

/\* Kernel memory interface descriptor. \*/
static kvm\_t \*core\_kd;

/\* Address of process control block. \*/ static struct pcb \*bsd\_kvm\_paddr;

/\* Pointer to architecture-specific function that reconstructs the register state from PCB and supplies it to REGCACHE. \*/ static int (\*bsd\_kvm\_supply\_pcb)(struct regcache \*regcache, struct pcb \*pcb);

/\* This is the ptid we use while we're connected to kvm. The kvm
target currently doesn't export any view of the running processes,
so this represents the kernel task. \*/
static ptid\_t bsd\_kvm\_ptid;

/\* The libkvm target. \*/

static const target\_info bsd\_kvm\_target\_info = {
 "kvm",
 N\_("Kernel memory interface"),
 N\_("Use a kernel virtual memory image as a target.\n\
 Optionally specify the filename of a core dump.")
};

class bsd\_kvm\_target final : public process\_stratum\_target
{
 public:

bsd\_kvm\_target () = default;

const target\_info &info () const override
{ return bsd\_kvm\_target\_info; }

void close () override;

void fetch\_registers (struct regcache \*, int) override; enum target\_xfer\_status xfer\_partial (enum target\_object object, const char \*annex, gdb\_byte \*readbuf, const gdb\_byte \*writebuf, ULONGEST offset, ULONGEST len, ULONGEST \*xfered\_len) override;

void files\_info () override;

bool thread\_alive (ptid\_t ptid) override; const char \*pid\_to\_str (ptid\_t) override;

```
bool has_memory () override { return true; }
bool has_stack () override { return true; }
bool has_registers () override { return true; }
};
```

/\* Target ops for libkvm interface. \*/
static bsd\_kvm\_target bsd\_kvm\_ops;

```
static void
bsd_kvm_target_open (const char *arg, int from_tty)
{
char errbuf[_POSIX2_LINE_MAX];
char *execfile = NULL;
kvm_t *temp_kd;
char *filename = NULL;
target_preopen (from_tty);
if (arg)
 {
  char *temp;
  filename = tilde_expand (arg);
  if (filename[0] != '/')
{
 temp = concat (current_directory, "/", filename, (char *)NULL);
 xfree (filename);
 filename = temp;
}
 }
execfile = get_exec_file (0);
temp_kd = kvm_openfiles (execfile, filename, NULL,
   write_files ? O_RDWR : O_RDONLY, errbuf);
if (temp_kd == NULL)
 error (("%s"), errbuf);
```

bsd\_kvm\_corefile = filename; unpush\_target (&bsd\_kvm\_ops); core\_kd = temp\_kd; push\_target (&bsd\_kvm\_ops);

```
add_thread_silent (bsd_kvm_ptid);
inferior_ptid = bsd_kvm_ptid;
```

```
reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}
void
bsd_kvm_target::close ()
{
if (core kd)
 {
  if (kvm_close (core_kd) == -1)
warning (("%s"), kvm_geterr(core_kd));
  core_kd = NULL;
  }
inferior_ptid = null_ptid;
discard all inferiors ();
}
static LONGEST
bsd_kvm_xfer_memory (CORE_ADDR addr, ULONGEST len,
    gdb_byte *readbuf, const gdb_byte *writebuf)
{
ssize_t nbytes = len;
if (readbuf)
 nbytes = kvm_read (core_kd, addr, readbuf, nbytes);
if (writebuf && nbytes > 0)
 nbytes = kvm_write (core_kd, addr, writebuf, nbytes);
return nbytes;
}
enum target_xfer_status
bsd_kvm_target::xfer_partial (enum target_object object,
     const char *annex, gdb_byte *readbuf,
     const gdb_byte *writebuf,
     ULONGEST offset, ULONGEST len, ULONGEST *xfered_len)
{
switch (object)
 {
 case TARGET_OBJECT_MEMORY:
  {
LONGEST ret = bsd_kvm_xfer_memory (offset, len, readbuf, writebuf);
if (ret < 0)
 return TARGET_XFER_E_IO;
else if (ret == 0)
```

```
return TARGET_XFER_EOF;
else
  {
   *xfered_len = (ULONGEST) ret;
   return TARGET_XFER_OK;
  }
   }
 default:
   return TARGET_XFER_E_IO;
  }
}
void
bsd_kvm_target::files_info ()
{
if (bsd_kvm_corefile && strcmp (bsd_kvm_corefile, _PATH_MEM) != 0)
 printf_filtered (_("\tUsing the kernel crash dump %s.\n"),
    bsd_kvm_corefile);
else
 printf_filtered (_("\tUsing the currently running kernel.\n"));
}
/* Fetch process control block at address PADDR. */
static int
bsd_kvm_fetch_pcb (struct regcache *regcache, struct pcb *paddr)
{
struct pcb pcb;
if (kvm_read (core_kd, (unsigned long) paddr, &pcb, sizeof pcb) == -1)
 error (("%s"), kvm_geterr (core_kd));
gdb_assert (bsd_kvm_supply_pcb);
return bsd_kvm_supply_pcb (regcache, &pcb);
}
void
bsd_kvm_target::fetch_registers (struct regcache *regcache, int regnum)
{
struct nlist nl[2];
if (bsd_kvm_paddr)
  {
   bsd_kvm_fetch_pcb (regcache, bsd_kvm_paddr);
   return;
  }
```

```
/* On dumping core, BSD kernels store the faulting context (PCB)
  in the variable "dumppcb". */
memset (nl, 0, sizeof nl);
nl[0].n_name = "_dumppcb";
if (kvm_nlist (core_kd, nl) == -1)
 error (("%s"), kvm geterr (core kd));
if (nl[0].n_value != 0)
 {
  /* Found dumppeb. If it contains a valid context, return
 immediately. */
  if (bsd_kvm_fetch_pcb (regcache, (struct pcb *) nl[0].n_value))
return;
  }
/* Traditional BSD kernels have a process proc0 that should always
  be present. The address of proc0's PCB is stored in the variable
  "proc0paddr". */
memset (nl, 0, sizeof nl);
nl[0].n_name = "_proc0paddr";
if (kvm_nlist (core_kd, nl) == -1)
 error (("%s"), kvm_geterr (core_kd));
if (nl[0].n_value != 0)
 {
  struct pcb *paddr;
  /* Found proc0paddr. */
  if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
error (("%s"), kvm_geterr (core_kd));
  bsd_kvm_fetch_pcb (regcache, paddr);
  return;
  }
#ifdef HAVE_STRUCT_THREAD_TD_PCB
/* In FreeBSD kernels for 5.0-RELEASE and later, the PCB no longer
  lives in `struct proc' but in `struct thread'. The `struct
  thread' for the initial thread for proc0 can be found in the
  variable "thread0". */
memset (nl, 0, sizeof nl);
nl[0].n_name = "_thread0";
if (kvm_nlist (core_kd, nl) == -1)
```

```
error (("%s"), kvm_geterr (core_kd));
if (nl[0].n_value != 0)
  {
   struct pcb *paddr;
   /* Found thread0. */
   nl[0].n_value += offsetof (struct thread, td_pcb);
   if (kvm_read (core_kd, nl[0].n_value, &paddr, sizeof paddr) == -1)
error (("%s"), kvm_geterr (core_kd));
   bsd_kvm_fetch_pcb (regcache, paddr);
   return;
  }
#endif
/* i18n: PCB == "Process Control Block". */
error (_("Cannot find a valid PCB"));
}
/* Kernel memory interface commands. */
struct cmd_list_element *bsd_kvm_cmdlist;
static void
bsd_kvm_cmd (const char *arg, int fromtty)
{
/* ??? Should this become an alias for "target kvm"? */
}
#ifndef HAVE_STRUCT_THREAD_TD_PCB
static void
bsd_kvm_proc_cmd (const char *arg, int fromtty)
{
CORE_ADDR addr;
if (arg == NULL)
 error_no_arg (_("proc address"));
if (core_kd == NULL)
 error (_("No kernel memory image."));
addr = parse_and_eval_address (arg);
#ifdef HAVE_STRUCT_LWP
addr += offsetof (struct lwp, l_addr);
#else
addr += offsetof (struct proc, p_addr);
```

## #endif

```
if (kvm_read (core_kd, addr, &bsd_kvm_paddr, sizeof bsd_kvm_paddr) == -1)
error (("%s"), kvm_geterr (core_kd));
```

```
target_fetch_registers (get_current_regcache (), -1);
```

```
reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}
```

#endif

```
static void
bsd_kvm_pcb_cmd (const char *arg, int fromtty)
{
  if (arg == NULL)
    /* i18n: PCB == "Process Control Block". */
  error_no_arg (_("pcb address"));
```

if (core\_kd == NULL)
error (\_("No kernel memory image."));

```
bsd_kvm_paddr = (struct pcb *)(u_long) parse_and_eval_address (arg);
```

```
target_fetch_registers (get_current_regcache (), -1);
```

```
reinit_frame_cache ();
print_stack_frame (get_selected_frame (NULL), 0, SRC_AND_LOC, 1);
}
```

```
bool
bsd_kvm_target::thread_alive (ptid_t ptid)
{
   return true;
}
```

```
const char *
bsd_kvm_target::pid_to_str (ptid_t ptid)
{
  static char buf[64];
  xsnprintf (buf, sizeof buf, "<kvm>");
  return buf;
}
```

```
/* Add the libkvm interface to the list of all possible targets and register CUPPLY_PCB as the architecture-specific process control block interpreter. */
```

void

```
bsd_kvm_add_target (int (*supply_pcb)(struct regcache *, struct pcb *))
{
  gdb_assert (bsd_kvm_supply_pcb == NULL);
  bsd_kvm_supply_pcb = supply_pcb;
```

add\_target (bsd\_kvm\_target\_info, bsd\_kvm\_target\_open);

add\_prefix\_cmd ("kvm", class\_obscure, bsd\_kvm\_cmd, \_("\
Generic command for manipulating the kernel memory interface."),
&bsd\_kvm\_cmdlist, "kvm ", 0, &cmdlist);

#ifndef HAVE\_STRUCT\_THREAD\_TD\_PCB

add\_cmd ("proc", class\_obscure, bsd\_kvm\_proc\_cmd, \_("Set current context from proc address"), &bsd\_kvm\_cmdlist); #endif add\_cmd ("pcb", class\_obscure, bsd\_kvm\_pcb\_cmd, /\* i18n: PCB == "Process Control Block". \*/

\_("Set current context from pcb address"), &bsd\_kvm\_cmdlist);

/\* Some notes on the ptid usage on this target.

The pid field represents the kvm inferior instance. Currently, we don't support multiple kvm inferiors, but we start at 1 anyway. The lwp field is set to != 0, in case the core wants to refer to the whole kvm inferior with ptid(1,0,0).

If kvm is made to export running processes as gdb threads, the following form can be used: ptid (1, 1, 0) -> kvm inferior 1, in kernel ptid (1, 1, 1) -> kvm inferior 1, process 1 ptid (1, 1, 2) -> kvm inferior 1, process 2 ptid (1, 1, n) -> kvm inferior 1, process n \*/

bsd\_kvm\_ptid = ptid\_t (1, 1, 0);

}

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#

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"""copyright.py

This script updates the list of years in the copyright notices in most files maintained by the GDB project.

Usage: cd src/gdb && python copyright.py

Always review the output of this script before committing it!

A useful command to review the output is:

% filter diff -x \\*.c -x \\*.h -x \\*.exp updates.diff This removes the bulk of the changes which are most likely to be correct. """

import datetime import os import os.path import subprocess def get\_update\_list():

"""Return the list of files to update.

```
Assumes that the current working directory when called is the root
 of the GDB source tree (NOT the gdb/ subdirectory!). The names of
 the files are relative to that root directory.
 .....
 result = []
 for gdb_dir in ('gdb', 'sim', 'include/gdb'):
    for root, dirs, files in os.walk(gdb_dir, topdown=True):
      for dirname in dirs:
         reldirname = "% s/% s" % (root, dirname)
         if (dirname in EXCLUDE_ALL_LIST
           or reldirname in EXCLUDE LIST
           or reldirname in NOT_FSF_LIST
           or reldirname in BY HAND):
           # Prune this directory from our search list.
           dirs.remove(dirname)
      for filename in files:
         relpath = "%s/%s" % (root, filename)
         if (filename in EXCLUDE_ALL_LIST
           or relpath in EXCLUDE LIST
           or relpath in NOT_FSF_LIST
           or relpath in BY HAND):
           # Ignore this file.
           pass
         else:
           result.append(relpath)
 return result
def update_files(update_list):
 """Update the copyright header of the files in the given list.
 We use gnulib's update-copyright script for that.
 .....
 # We want to use year intervals in the copyright notices, and
 # all years should be collapsed to one single year interval,
 # even if there are "holes" in the list of years found in the
 # original copyright notice (OK'ed by the FSF, case [gnu.org #719834]).
 os.environ['UPDATE_COPYRIGHT_USE_INTERVALS'] = '2'
 # Perform the update, and save the output in a string.
 update_cmd = ['bash', 'gdb/gnulib/import/extra/update-copyright']
```

update\_cmd += update\_list

```
p = subprocess.Popen(update_cmd, stdout=subprocess.PIPE,
stderr=subprocess.STDOUT)
```

update\_out = p.communicate()[0]

# Process the output. Typically, a lot of files do not have # a copyright notice :-(. The update-copyright script prints # a well defined warning when it did not find the copyright notice. # For each of those, do a sanity check and see if they may in fact # have one. For the files that are found not to have one, we filter # the line out from the output, since there is nothing more to do, # short of looking at each file and seeing which notice is appropriate. # Too much work! (~4,000 files listed as of 2012-01-03). update\_out = update\_out.splitlines() warning\_string = ': warning: copyright statement not found' warning\_len = len(warning\_string)

```
for line in update_out:
    if line.endswith('\n'):
        line = line[:-1]
    if line.endswith(warning_string):
        filename = line[:-warning_len]
        if may_have_copyright_notice(filename):
            print line
    else:
```

```
# Unrecognized file format. !?!
print "*** " + line
```

def may\_have\_copyright\_notice(filename):

"""Check that the given file does not seem to have a copyright notice.

The filename is relative to the root directory. This function assumes that the current working directory is that root directory.

The algorightm is fairly crude, meaning that it might return some false positives. I do not think it will return any false negatives... We might improve this function to handle more complex cases later...

```
# For now, it may have a copyright notice if we find the word# "Copyright" at the (reasonable) start of the given file, say# 50 lines...MAX_LINES = 50
```

fd = open(filename)

lineno = 1

```
for line in fd:

if 'Copyright' in line:

return True

lineno += 1

if lineno > 50:

return False

return False
```

def main ():

"""The main subprogram."""
if not os.path.isfile("gnulib/import/extra/update-copyright"):
 print "Error: This script must be called from the gdb directory."
root\_dir = os.path.dirname(os.getcwd())
os.chdir(root\_dir)

update\_list = get\_update\_list()
update\_files (update\_list)

# Remind the user that some files need to be updated by HAND ...

## if MULTIPLE\_COPYRIGHT\_HEADERS:

print

print("\033[31m"

"REMINDER: Multiple copyright headers must be updated by hand:"

"\033[0m")

for filename in MULTIPLE\_COPYRIGHT\_HEADERS:

print " ", filename

#### if BY\_HAND:

print

print "\033[31mREMINDER: The following files must be updated by hand." \

"\033[0m"

for filename in BY\_HAND:

print " ", filename

# Some constants, placed at the end because they take up a lot of room.

# The actual value of these constants is not significant to the understanding

# of the script.

```
#
```

# Files which should not be modified, either because they are

# generated, non-FSF, or otherwise special (e.g. license text,

# or test cases which must be sensitive to line numbering).

#

```
# Filenames are relative to the root directory.
EXCLUDE_LIST = (
   'gdb/nat/glibc_thread_db.h',
   'gdb/CONTRIBUTE',
   'gdb/gnulib/import'
)
```

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
#
# Matches any file or directory name anywhere. Use with caution.
# This is mostly for files that can be found in multiple directories.
# Eg: We want all files named COPYING to be left untouched.

```
EXCLUDE_ALL_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c",
    "fdl.texi", "gpl.texi", "aclocal.m4",
)
```

```
# The list of files to update by hand.
BY_HAND = (
    # Nothing at the moment :-).
```

```
)
```

```
# Files containing multiple copyright headers. This script is only
# fixing the first one it finds, so we need to finish the update
# by hand.
MULTIPLE_COPYRIGHT_HEADERS = (
    "gdb/doc/gdb.texinfo",
    "gdb/doc/refcard.tex",
    "gdb/doc/refcard.tex",
    "gdb/gdbarch.sh",
)
```

```
# The list of file which have a copyright, but not head by the FSF.
```

```
# Filenames are relative to the root directory.
```

```
NOT_FSF_LIST = (
```

```
"gdb/exc_request.defs",

"gdb/gdbtk",

"gdb/testsuite/gdb.gdbtk/",

"sim/arm/armemu.h", "sim/arm/armos.c", "sim/arm/gdbhost.c",

"sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",

"sim/arm/dbg_hif.h", "sim/arm/dbg_conf.h", "sim/arm/communicate.h",

"sim/arm/kid.c", "sim/arm/armcopro.c", "sim/arm/armemu.c",

"sim/arm/kid.c", "sim/arm/thumbemu.c", "sim/arm/armetfs.h",

"sim/arm/armopts.h", "sim/arm/dbg_cp.h", "sim/arm/dbg_rdi.h",

"sim/arm/parent.c", "sim/arm/armsupp.c", "sim/arm/armrdi.c",

"sim/arm/bag.c", "sim/arm/armvirt.c", "sim/arm/main.c", "sim/arm/bag.h",
```

"sim/arm/arminit.c", "sim/common/cgen-fpu.c", "sim/common/cgen-fpu.h", "sim/common/cgen-accfp.c", "sim/mips/m16run.c", "sim/mips/sim-main.c", "sim/moxie/moxie-gdb.dts", # Not a single file in sim/ppc/ appears to be copyright FSF :-(. "sim/ppc/filter.h", "sim/ppc/gen-support.h", "sim/ppc/ld-insn.h", "sim/ppc/hw\_sem.c", "sim/ppc/hw\_disk.c", "sim/ppc/idecode\_branch.h", "sim/ppc/sim-endian.h", "sim/ppc/table.c", "sim/ppc/hw\_core.c", "sim/ppc/gen-support.c", "sim/ppc/gen-semantics.h", "sim/ppc/cpu.h", "sim/ppc/sim\_callbacks.h", "sim/ppc/RUN", "sim/ppc/Makefile.in", "sim/ppc/emul\_chirp.c", "sim/ppc/hw\_nvram.c", "sim/ppc/dc-test.01", "sim/ppc/hw phb.c", "sim/ppc/hw eeprom.c", "sim/ppc/bits.h", "sim/ppc/hw\_vm.c", "sim/ppc/cap.h", "sim/ppc/os\_emul.h", "sim/ppc/options.h", "sim/ppc/gen-idecode.c", "sim/ppc/filter.c", "sim/ppc/corefile-n.h", "sim/ppc/std-config.h", "sim/ppc/ld-decode.h", "sim/ppc/filter\_filename.h", "sim/ppc/hw\_shm.c", "sim/ppc/pk disklabel.c", "sim/ppc/dc-simple", "sim/ppc/misc.h", "sim/ppc/device\_table.h", "sim/ppc/ld-insn.c", "sim/ppc/inline.c", "sim/ppc/emul\_bugapi.h", "sim/ppc/hw\_cpu.h", "sim/ppc/debug.h", "sim/ppc/hw ide.c", "sim/ppc/debug.c", "sim/ppc/gen-itable.h", "sim/ppc/interrupts.c", "sim/ppc/hw\_glue.c", "sim/ppc/emul\_unix.c", "sim/ppc/sim\_calls.c", "sim/ppc/dc-complex", "sim/ppc/ld-cache.c", "sim/ppc/registers.h", "sim/ppc/dc-test.02", "sim/ppc/options.c", "sim/ppc/igen.h", "sim/ppc/registers.c", "sim/ppc/device.h", "sim/ppc/emul chirp.h", "sim/ppc/hw register.c", "sim/ppc/hw init.c", "sim/ppc/sim-endian-n.h", "sim/ppc/filter filename.c", "sim/ppc/bits.c", "sim/ppc/idecode\_fields.h", "sim/ppc/hw\_memory.c", "sim/ppc/misc.c", "sim/ppc/double.c", "sim/ppc/psim.h", "sim/ppc/hw\_trace.c", "sim/ppc/emul\_netbsd.h", "sim/ppc/psim.c", "sim/ppc/ppc-instructions", "sim/ppc/tree.h", "sim/ppc/README", "sim/ppc/gen-icache.h", "sim/ppc/gen-model.h", "sim/ppc/ld-cache.h", "sim/ppc/mon.c", "sim/ppc/corefile.h", "sim/ppc/vm.c", "sim/ppc/INSTALL", "sim/ppc/gen-model.c", "sim/ppc/hw cpu.c", "sim/ppc/corefile.c", "sim/ppc/hw\_opic.c", "sim/ppc/gen-icache.c", "sim/ppc/events.h", "sim/ppc/os\_emul.c", "sim/ppc/emul\_generic.c", "sim/ppc/main.c", "sim/ppc/hw\_com.c", "sim/ppc/gen-semantics.c", "sim/ppc/emul\_bugapi.c", "sim/ppc/device.c", "sim/ppc/emul\_generic.h", "sim/ppc/tree.c", "sim/ppc/mon.h", "sim/ppc/interrupts.h", "sim/ppc/cap.c", "sim/ppc/cpu.c", "sim/ppc/hw\_phb.h", "sim/ppc/device\_table.c", "sim/ppc/lf.c", "sim/ppc/lf.c", "sim/ppc/dc-stupid", "sim/ppc/hw\_pal.c", "sim/ppc/ppc-spr-table", "sim/ppc/emul\_unix.h", "sim/ppc/words.h", "sim/ppc/basics.h", "sim/ppc/hw\_htab.c", "sim/ppc/lf.h", "sim/ppc/ld-decode.c", "sim/ppc/sim-endian.c", "sim/ppc/gen-itable.c", "sim/ppc/idecode\_expression.h", "sim/ppc/table.h", "sim/ppc/dgen.c", "sim/ppc/events.c", "sim/ppc/gen-idecode.h", "sim/ppc/emul\_netbsd.c", "sim/ppc/igen.c", "sim/ppc/vm\_n.h", "sim/ppc/vm.h",

```
"sim/ppc/hw_iobus.c", "sim/ppc/inline.h",
"sim/testsuite/sim/bfin/s21.s", "sim/testsuite/sim/mips/mips32-dsp2.s",
```

if \_\_name\_\_ == "\_\_main\_\_":
 main()
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 Version 2. June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

)

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# 1.78 numactl 2.0.11

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Index: tdbsa/tdb.c

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--- 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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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/

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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".

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Gadi Oxman, August 1995

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# 1.83 python 3.6.1

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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.

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Release Derived Year Owner GPLfrom compatible? (1)

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|--------------------------------------|---------|----------|----------|---------|
| 1.3 thru 1.5.2 1.2                   |         | 1995-    | -1999 CN | JRI 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 | 5.1 2001 | PSF      | yes     |
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| 2.1.2                                | 2.1.1   | 2002     | PSF      | yes     |
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/\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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## 1.89 ncurses 6.1

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Calling this script install-sh is preferred over install.sh, to prevent `make' implicit rules from creating a file called install from it

when there is no Makefile.

This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

On Debian systems, the complete text of the GNU General Public License can be found in '/usr/share/common-licenses/GPL-2'

-- vile: txtmode file-encoding=utf-8

## 1.90 libnl3 3.2.25

### 1.90.1 Available under license :

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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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## 1.91 python-setuptools 44.0.0

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

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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.

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

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| End                                     |
|---|
| /************************************** |
| * Perl-Compatible Regular Expressions * |
| *************************************** |

/\* This is the public header file for the PCRE library, to be #included by applications that call the PCRE functions.

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\_\_\_\_\_

\*/

#ifndef \_PCRE\_H
#define \_PCRE\_H

/\* The current PCRE version information. \*/

#define PCRE\_MAJOR8#define PCRE\_MINOR31#define PCRE\_PRERELEASE#define PCRE\_DATE2012-07-06

/\* When an application links to a PCRE DLL in Windows, the symbols that are imported have to be identified as such. When building PCRE, the appropriate export setting is defined in pcre\_internal.h, which includes this file. So we don't change existing definitions of PCRE\_EXP\_DECL and PCRECPP\_EXP\_DECL. \*/

#if defined(\_WIN32) && !defined(PCRE\_STATIC)

# ifndef PCRE\_EXP\_DECL # define PCRE\_EXP\_DECL extern \_\_declspec(dllimport) # endif # ifdef \_\_cplusplus # ifndef PCRECPP EXP DECL define PCRECPP\_EXP\_DECL extern \_\_declspec(dllimport) # # endif # ifndef PCRECPP\_EXP\_DEFN define PCRECPP\_EXP\_DEFN \_\_declspec(dllimport) # # endif # endif #endif /\* By default, we use the standard "extern" declarations. \*/ #ifndef PCRE EXP DECL

```
# ifdef __cplusplus
# define PCRE_EXP_DECL extern "C"
# else
# define PCRE_EXP_DECL extern
# endif
#endif
```

```
#ifdef __cplusplus
# ifndef PCRECPP_EXP_DECL
# define PCRECPP_EXP_DECL extern
# endif
# ifndef PCRECPP_EXP_DEFN
# define PCRECPP_EXP_DEFN
# endif
# endif
```

/\* Have to include stdlib.h in order to ensure that size\_t is defined; it is needed here for malloc. \*/

#include <stdlib.h>

/\* Allow for C++ users \*/

#ifdef \_\_cplusplus
extern "C" {
#endif

/\* Options. Some are compile-time only, some are run-time only, and some are both, so we keep them all distinct. However, almost all the bits in the options word are now used. In the long run, we may have to re-use some of the compile-time only bits for runtime options, or vice versa. In the comments below, "compile", "exec", and "DFA exec" mean that the option is permitted to be set for those functions; "used in" means that an option may be set only for compile, but is subsequently referenced in exec and/or DFA exec. Any of the compile-time options may be inspected during studying (and therefore JIT compiling). \*/

#define PCRE CASELESS 0x00000001 /\* Compile \*/ #define PCRE\_MULTILINE 0x00000002 /\* Compile \*/ #define PCRE DOTALL 0x00000004 /\* Compile \*/ #define PCRE\_EXTENDED 0x0000008 /\* Compile \*/ #define PCRE\_ANCHORED 0x00000010 /\* Compile, exec, DFA exec \*/ 0x00000020 /\* Compile, used in exec, DFA exec \*/ #define PCRE DOLLAR ENDONLY #define PCRE\_EXTRA 0x00000040 /\* Compile \*/ #define PCRE NOTBOL 0x00000080 /\* Exec, DFA exec \*/ #define PCRE NOTEOL 0x00000100 /\* Exec, DFA exec \*/ #define PCRE\_UNGREEDY 0x00000200 /\* Compile \*/ #define PCRE NOTEMPTY 0x00000400 /\* Exec, DFA exec \*/ /\* The next two are also used in exec and DFA exec \*/ #define PCRE\_UTF8 0x00000800 /\* Compile (same as PCRE\_UTF16) \*/ #define PCRE UTF16 0x00000800 /\* Compile (same as PCRE UTF8) \*/ #define PCRE NO AUTO CAPTURE 0x00001000 /\* Compile \*/ /\* The next two are also used in exec and DFA exec \*/ #define PCRE NO UTF8 CHECK 0x00002000 /\* Compile (same as PCRE\_NO\_UTF16\_CHECK) \*/ #define PCRE\_NO\_UTF16\_CHECK 0x00002000 /\* Compile (same as PCRE\_NO\_UTF8\_CHECK) \*/ #define PCRE\_AUTO\_CALLOUT 0x00004000 /\* Compile \*/ #define PCRE\_PARTIAL\_SOFT 0x00008000 /\* Exec, DFA exec \*/ #define PCRE\_PARTIAL 0x00008000 /\* Backwards compatible synonym \*/ #define PCRE\_DFA\_SHORTEST 0x00010000 /\* DFA exec \*/ 0x00020000 /\* DFA exec \*/ #define PCRE\_DFA\_RESTART 0x00040000 /\* Compile, used in exec, DFA exec \*/ #define PCRE\_FIRSTLINE #define PCRE\_DUPNAMES 0x00080000 /\* Compile \*/ #define PCRE\_NEWLINE\_CR 0x00100000 /\* Compile, exec, DFA exec \*/ #define PCRE\_NEWLINE\_LF 0x00200000 /\* Compile, exec, DFA exec \*/ #define PCRE\_NEWLINE\_CRLF 0x00300000 /\* Compile, exec, DFA exec \*/ #define PCRE\_NEWLINE\_ANY 0x00400000 /\* Compile, exec, DFA exec \*/ #define PCRE\_NEWLINE\_ANYCRLF 0x00500000 /\* Compile, exec, DFA exec \*/

#define PCRE\_BSR\_ANYCRLF 0x00800000 /\* Compile, exec, DFA exec \*/
#define PCRE\_BSR\_UNICODE 0x01000000 /\* Compile, exec, DFA exec \*/
#define PCRE\_JAVASCRIPT\_COMPAT 0x02000000 /\* Compile, used in exec \*/
#define PCRE\_NO\_START\_OPTIMIZE 0x04000000 /\* Compile, exec, DFA exec \*/
#define PCRE\_NO\_START\_OPTIMISE 0x04000000 /\* Synonym \*/
#define PCRE\_PARTIAL\_HARD 0x08000000 /\* Exec, DFA exec \*/
#define PCRE\_NOTEMPTY\_ATSTART 0x10000000 /\* Exec, DFA exec \*/
#define PCRE\_UCP 0x20000000 /\* Compile, used in exec, MFA exec \*/

/\* Exec-time and get/set-time error codes \*/

#define PCRE\_ERROR\_NOMATCH (-1) #define PCRE\_ERROR\_NULL (-2)#define PCRE\_ERROR\_BADOPTION (-3) #define PCRE\_ERROR\_BADMAGIC (-4) #define PCRE\_ERROR\_UNKNOWN\_OPCODE (-5) #define PCRE\_ERROR\_UNKNOWN\_NODE (-5) /\* For backward compatibility \*/ #define PCRE ERROR NOMEMORY (-6)#define PCRE\_ERROR\_NOSUBSTRING (-7) #define PCRE\_ERROR\_MATCHLIMIT (-8) #define PCRE ERROR CALLOUT (-9) /\* Never used by PCRE itself \*/ #define PCRE\_ERROR\_BADUTF8 (-10) /\* Same for 8/16 \*/ #define PCRE\_ERROR\_BADUTF16 (-10) /\* Same for 8/16 \*/ #define PCRE ERROR BADUTF8 OFFSET (-11) /\* Same for 8/16 \*/ #define PCRE\_ERROR\_BADUTF16\_OFFSET (-11) /\* Same for 8/16 \*/ #define PCRE ERROR PARTIAL (-12) #define PCRE\_ERROR\_BADPARTIAL (-13) #define PCRE\_ERROR\_INTERNAL (-14) #define PCRE\_ERROR\_BADCOUNT (-15)#define PCRE\_ERROR\_DFA\_UITEM (-16) #define PCRE\_ERROR\_DFA\_UCOND (-17) #define PCRE\_ERROR\_DFA\_UMLIMIT (-18) #define PCRE\_ERROR\_DFA\_WSSIZE (-19) #define PCRE\_ERROR\_DFA\_RECURSE (-20) #define PCRE\_ERROR\_RECURSIONLIMIT (-21) #define PCRE\_ERROR\_NULLWSLIMIT (-22) /\* No longer actually used \*/ #define PCRE\_ERROR\_BADNEWLINE (-23) #define PCRE\_ERROR\_BADOFFSET (-24) #define PCRE\_ERROR\_SHORTUTF8 (-25) #define PCRE\_ERROR\_SHORTUTF16 (-25) /\* Same for 8/16 \*/ #define PCRE\_ERROR\_RECURSELOOP (-26) #define PCRE\_ERROR\_JIT\_STACKLIMIT (-27) #define PCRE\_ERROR\_BADMODE (-28)#define PCRE\_ERROR\_BADENDIANNESS (-29) #define PCRE\_ERROR\_DFA\_BADRESTART (-30)

/\* Specific error codes for UTF-8 validity checks \*/

| #define PCRE_UTF8_ERR0  | 0  |
|-------------------------|----|
| #define PCRE_UTF8_ERR1  | 1  |
| #define PCRE_UTF8_ERR2  | 2  |
| #define PCRE_UTF8_ERR3  | 3  |
| #define PCRE_UTF8_ERR4  | 4  |
| #define PCRE_UTF8_ERR5  | 5  |
| #define PCRE_UTF8_ERR6  | 6  |
| #define PCRE_UTF8_ERR7  | 7  |
| #define PCRE_UTF8_ERR8  | 8  |
| #define PCRE_UTF8_ERR9  | 9  |
| #define PCRE_UTF8_ERR10 | 10 |
| #define PCRE_UTF8_ERR11 | 11 |
| #define PCRE_UTF8_ERR12 | 12 |
| #define PCRE_UTF8_ERR13 | 13 |
| #define PCRE_UTF8_ERR14 | 14 |
| #define PCRE_UTF8_ERR15 | 15 |
| #define PCRE_UTF8_ERR16 | 16 |
| #define PCRE_UTF8_ERR17 | 17 |
| #define PCRE_UTF8_ERR18 | 18 |
| #define PCRE_UTF8_ERR19 | 19 |
| #define PCRE_UTF8_ERR20 | 20 |
| #define PCRE_UTF8_ERR21 | 21 |
|                         |    |

/\* Specific error codes for UTF-16 validity checks \*/

| #define PCRE_UTF16_ERR0 | 0 |
|-------------------------|---|
| #define PCRE_UTF16_ERR1 | 1 |
| #define PCRE_UTF16_ERR2 | 2 |
| #define PCRE_UTF16_ERR3 | 3 |
| #define PCRE_UTF16_ERR4 | 4 |
|                         |   |

/\* Request types for pcre\_fullinfo() \*/

| #define PCRE_INFO_OPTIONS 0                                     |
|---|
| #define PCRE_INFO_SIZE 1  |
| #define PCRE_INFO_CAPTURECOUNT 2                                |
| #define PCRE_INFO_BACKREFMAX 3                                  |
| #define PCRE_INFO_FIRSTBYTE 4                                   |
| #define PCRE_INFO_FIRSTCHAR 4 /* For backwards compatibility */ |
| #define PCRE_INFO_FIRSTTABLE 5                                  |
| #define PCRE_INFO_LASTLITERAL 6                                 |
| #define PCRE_INFO_NAMEENTRYSIZE 7                               |
| #define PCRE_INFO_NAMECOUNT 8                                   |
| #define PCRE_INFO_NAMETABLE 9                                   |
| #define PCRE_INFO_STUDYSIZE 10                                  |
| #define PCRE_INFO_DEFAULT_TABLES 11                             |
| #define PCRE_INFO_OKPARTIAL 12                                  |
| #define PCRE_INFO_JCHANGED 13                                   |
|   |

#define PCRE\_INFO\_HASCRORLF14#define PCRE\_INFO\_MINLENGTH15#define PCRE\_INFO\_JIT16#define PCRE\_INFO\_JITSIZE17#define PCRE\_INFO\_MAXLOOKBEHIND18

/\* Request types for pcre\_config(). Do not re-arrange, in order to remain compatible. \*/

#define PCRE CONFIG UTF8 0 #define PCRE\_CONFIG\_NEWLINE 1 #define PCRE\_CONFIG\_LINK\_SIZE 2 #define PCRE\_CONFIG\_POSIX\_MALLOC\_THRESHOLD 3 #define PCRE\_CONFIG\_MATCH\_LIMIT 4 #define PCRE\_CONFIG\_STACKRECURSE 5 #define PCRE\_CONFIG\_UNICODE\_PROPERTIES 6 #define PCRE\_CONFIG\_MATCH\_LIMIT\_RECURSION 7 #define PCRE CONFIG BSR 8 #define PCRE\_CONFIG\_JIT 9 #define PCRE\_CONFIG\_UTF16 10 #define PCRE CONFIG JITTARGET 11

/\* Request types for pcre\_study(). Do not re-arrange, in order to remain compatible. \*/

#define PCRE\_STUDY\_JIT\_COMPILE 0x0001
#define PCRE\_STUDY\_JIT\_PARTIAL\_SOFT\_COMPILE 0x0002
#define PCRE\_STUDY\_JIT\_PARTIAL\_HARD\_COMPILE 0x0004

/\* Bit flags for the pcre[16]\_extra structure. Do not re-arrange or redefine these bits, just add new ones on the end, in order to remain compatible. \*/

#define PCRE\_EXTRA\_STUDY\_DATA0x0001#define PCRE\_EXTRA\_MATCH\_LIMIT0x0002#define PCRE\_EXTRA\_CALLOUT\_DATA0x0004#define PCRE\_EXTRA\_TABLES0x0008#define PCRE\_EXTRA\_MATCH\_LIMIT\_RECURSION0x0010#define PCRE\_EXTRA\_MARK0x0020#define PCRE\_EXTRA\_EXECUTABLE\_JIT0x0040

/\* Types \*/

struct real\_pcre; /\* declaration; the definition is private \*/ typedef struct real\_pcre pcre;

struct real\_pcre16; /\* declaration; the definition is private \*/ typedef struct real\_pcre16 pcre16; struct real\_pcre\_jit\_stack; /\* declaration; the definition is private \*/
typedef struct real\_pcre\_jit\_stack pcre\_jit\_stack;

struct real\_pcre16\_jit\_stack; /\* declaration; the definition is private \*/
typedef struct real\_pcre16\_jit\_stack pcre16\_jit\_stack;

/\* If PCRE is compiled with 16 bit character support, PCRE\_UCHAR16 must contain
a 16 bit wide signed data type. Otherwise it can be a dummy data type since
pcre16 functions are not implemented. There is a check for this in pcre\_internal.h. \*/
#ifndef PCRE\_UCHAR16
#define PCRE\_UCHAR16 unsigned short
#endif

#ifndef PCRE\_SPTR16
#define PCRE\_SPTR16 const PCRE\_UCHAR16 \*
#endif

/\* When PCRE is compiled as a C++ library, the subject pointer type can be replaced with a custom type. For conventional use, the public interface is a const char \*. \*/

#ifndef PCRE\_SPTR
#define PCRE\_SPTR const char \*
#endif

/\* The structure for passing additional data to pcre\_exec(). This is defined in such as way as to be extensible. Always add new fields at the end, in order to remain compatible. \*/

| <pre>typedef struct pcre_extra {</pre> |  |
|--|--|
| unsigned long int flags;               | /* Bits for which fields are set */                  |
| void *study_data;                      | /* Opaque data from pcre_study() */                  |
| unsigned long int match_l              | imit; /* Maximum number of calls to match() */       |
| void *callout_data;                    | /* Data passed back in callouts */                   |
| const unsigned char *table             | es; /* Pointer to character tables */                |
| unsigned long int match_l              | imit_recursion; /* Max recursive calls to match() */ |
| unsigned char **mark;                  | /* For passing back a mark pointer */                |
| void *executable_jit;                  | /* Contains a pointer to a compiled jit code */      |
| } pcre_extra;                          |  |

/\* Same structure as above, but with 16 bit char pointers. \*/

typedef struct pcre16\_extra { unsigned long int flags; /\* Bits for which fields are set \*/ void \*study\_data; /\* Opaque data from pcre\_study() \*/ unsigned long int match\_limit; /\* Maximum number of calls to match() \*/ void \*callout\_data; /\* Data passed back in callouts \*/ const unsigned char \*tables; /\* Pointer to character tables \*/ unsigned long int match\_limit\_recursion; /\* Max recursive calls to match() \*/ PCRE\_UCHAR16 \*\*mark; /\* For passing back a mark pointer \*/ void \*executable\_jit; /\* Contains a pointer to a compiled jit code \*/ } pcre16\_extra;

/\* The structure for passing out data via the pcre\_callout\_function. We use a structure so that new fields can be added on the end in future versions, without changing the API of the function, thereby allowing old clients to work without modification. \*/

```
typedef struct pcre_callout_block {
```

| int version; /* Identifies version of block */                    |
|---|
| /* */   |
| int callout_number; /* Number compiled into pattern */            |
| int *offset_vector; /* The offset vector */                       |
| PCRE_SPTR subject; /* The subject being matched */                |
| int subject_length; /* The length of the subject */               |
| int start_match; /* Offset to start of this match attempt */      |
| int current_position; /* Where we currently are in the subject */ |
| int capture_top; /* Max current capture */                        |
| int capture_last; /* Most recently closed capture */              |
| void *callout_data; /* Data passed in with the call */            |
| /* Added for Version 1 */   |
| int pattern_position; /* Offset to next item in the pattern */    |
| int next_item_length; /* Length of next item in the pattern */    |
| /* Added for Version 2 */   |
| const unsigned char *mark; /* Pointer to current mark or NULL */  |
| /**/  |
| <pre>} pcre_callout_block;</pre>                                  |

/\* Same structure as above, but with 16 bit char pointers. \*/

typedef struct pcre16\_callout\_block {

| typeder struct perero_cunout_block (                          |         |
|---|---------|
| int version; /* Identifies version of block */                |         |
| /* Version 0 */   |         |
| int callout_number; /* Number compiled into pattern */        |         |
| int *offset_vector; /* The offset vector */                   |         |
| PCRE_SPTR16 subject; /* The subject being matched */          | /       |
| int subject_length; /* The length of the subject */           |         |
| int start_match; /* Offset to start of this match attempt     | */      |
| int current_position; /* Where we currently are in the sub    | ject */ |
| int capture_top; /* Max current capture */                    |         |
| int capture_last; /* Most recently closed capture */          |         |
| void *callout_data; /* Data passed in with the call */        |         |
| /* Added for Version 1 *                                      | /       |
| int pattern_position; /* Offset to next item in the pattern * | </td    |
| int next_item_length; /* Length of next item in the pattern   | n */    |
| /* Added for Version 2 *                                      | /       |
|   |         |

const PCRE\_UCHAR16 \*mark; /\* Pointer to current mark or NULL \*/

/\* \_\_\_\_\_ \*/

} pcre16\_callout\_block;

/\* Indirection for store get and free functions. These can be set to alternative malloc/free functions if required. Special ones are used in the non-recursive case for "frames". There is also an optional callout function that is triggered by the (?) regex item. For Virtual Pascal, these definitions have to take another form. \*/

#ifndef VPCOMPAT

PCRE\_EXP\_DECL void \*(\*pcre\_malloc)(size\_t); PCRE\_EXP\_DECL void (\*pcre\_free)(void \*); PCRE\_EXP\_DECL void \*(\*pcre\_stack\_malloc)(size\_t); PCRE\_EXP\_DECL void (\*pcre\_stack\_free)(void \*); PCRE\_EXP\_DECL int (\*pcre\_callout)(pcre\_callout\_block \*);

PCRE\_EXP\_DECL void \*(\*pcre16\_malloc)(size\_t); PCRE\_EXP\_DECL void (\*pcre16\_free)(void \*); PCRE\_EXP\_DECL void \*(\*pcre16\_stack\_malloc)(size\_t); PCRE\_EXP\_DECL void (\*pcre16\_stack\_free)(void \*); PCRE\_EXP\_DECL int (\*pcre16\_callout)(pcre16\_callout\_block \*); #else /\* VPCOMPAT \*/ PCRE\_EXP\_DECL void \*pcre\_malloc(size\_t); PCRE\_EXP\_DECL void pcre\_free(void \*); PCRE\_EXP\_DECL void \*pcre\_stack\_malloc(size\_t); PCRE\_EXP\_DECL void pcre\_stack\_free(void \*); PCRE\_EXP\_DECL void pcre\_stack\_free(void \*);

PCRE\_EXP\_DECL void \*pcre16\_malloc(size\_t); PCRE\_EXP\_DECL void pcre16\_free(void \*); PCRE\_EXP\_DECL void \*pcre16\_stack\_malloc(size\_t); PCRE\_EXP\_DECL void pcre16\_stack\_free(void \*); PCRE\_EXP\_DECL int pcre16\_callout(pcre16\_callout\_block \*); #endif /\* VPCOMPAT \*/

/\* User defined callback which provides a stack just before the match starts. \*/

typedef pcre\_jit\_stack \*(\*pcre\_jit\_callback)(void \*); typedef pcre16\_jit\_stack \*(\*pcre16\_jit\_callback)(void \*);

/\* Exported PCRE functions \*/

PCRE\_EXP\_DECL pcre \*pcre\_compile(const char \*, int, const char \*\*, int \*, const unsigned char \*);

PCRE\_EXP\_DECL pcre16 \*pcre16\_compile(PCRE\_SPTR16, int, const char \*\*, int \*, const unsigned char \*);

PCRE\_EXP\_DECL pcre \*pcre\_compile2(const char \*, int, int \*, const char \*\*,

int \*, const unsigned char \*);

- PCRE\_EXP\_DECL pcre16 \*pcre16\_compile2(PCRE\_SPTR16, int, int \*, const char \*\*, int \*, const unsigned char \*);
- PCRE\_EXP\_DECL int pcre\_config(int, void \*);
- PCRE\_EXP\_DECL int pcre16\_config(int, void \*);
- PCRE\_EXP\_DECL int pcre\_copy\_named\_substring(const pcre \*, const char \*, int \*, int, const char \*, char \*, int);
- PCRE\_EXP\_DECL int pcre16\_copy\_named\_substring(const pcre16 \*, PCRE\_SPTR16, int \*, int, PCRE\_SPTR16, PCRE\_UCHAR16 \*, int);
- PCRE\_EXP\_DECL int pcre\_copy\_substring(const char \*, int \*, int, int, char \*, int);
- PCRE\_EXP\_DECL int pcre16\_copy\_substring(PCRE\_SPTR16, int \*, int, int, PCRE\_UCHAR16 \*, int);
- PCRE\_EXP\_DECL int pcre\_dfa\_exec(const pcre \*, const pcre\_extra \*, const char \*, int, int, int, int \*, int , int \*, int);
- PCRE\_EXP\_DECL int pcre16\_dfa\_exec(const pcre16 \*, const pcre16\_extra \*, PCRE\_SPTR16, int, int, int, int \*, int , int \*, int);
- PCRE\_EXP\_DECL int pcre\_exec(const pcre \*, const pcre\_extra \*, PCRE\_SPTR, int, int, int, int \*, int);
- PCRE\_EXP\_DECL int pcre16\_exec(const pcre16 \*, const pcre16\_extra \*, PCRE\_SPTR16, int, int, int, int \*, int);
- PCRE\_EXP\_DECL void pcre\_free\_substring(const char \*);
- PCRE\_EXP\_DECL void pcre16\_free\_substring(PCRE\_SPTR16);
- PCRE\_EXP\_DECL void pcre\_free\_substring\_list(const char \*\*);
- PCRE\_EXP\_DECL void pcre16\_free\_substring\_list(PCRE\_SPTR16 \*);
- PCRE\_EXP\_DECL int pcre\_fullinfo(const pcre \*, const pcre\_extra \*, int, void \*);
- PCRE\_EXP\_DECL int pcre16\_fullinfo(const pcre16 \*, const pcre16\_extra \*, int, void \*);

- PCRE\_EXP\_DECL int pcre\_get\_stringnumber(const pcre \*, const char \*);
- PCRE\_EXP\_DECL int pcre16\_get\_stringnumber(const pcre16 \*, PCRE\_SPTR16);

PCRE\_EXP\_DECL int pcre\_get\_stringtable\_entries(const pcre \*, const char \*, char \*\*, char \*\*);

- PCRE\_EXP\_DECL int pcre16\_get\_stringtable\_entries(const pcre16 \*, PCRE\_SPTR16, PCRE\_UCHAR16 \*\*, PCRE\_UCHAR16 \*\*);
- PCRE\_EXP\_DECL int pcre\_get\_substring(const char \*, int \*, int, int, const char \*\*);
- PCRE\_EXP\_DECL int pcre16\_get\_substring(PCRE\_SPTR16, int \*, int, int, PCRE\_SPTR16 \*);
- PCRE\_EXP\_DECL int pcre16\_get\_substring\_list(PCRE\_SPTR16, int \*, int, PCRE\_SPTR16 \*\*);
- PCRE\_EXP\_DECL const unsigned char \*pcre\_maketables(void);

PCRE\_EXP\_DECL const unsigned char \*pcre16\_maketables(void);

PCRE\_EXP\_DECL int pcre\_refcount(pcre \*, int);

PCRE\_EXP\_DECL int pcre16\_refcount(pcre16 \*, int);

PCRE\_EXP\_DECL pcre\_extra \*pcre\_study(const pcre \*, int, const char \*\*);

PCRE\_EXP\_DECL pcre16\_extra \*pcre16\_study(const pcre16 \*, int, const char \*\*);

PCRE\_EXP\_DECL void pcre\_free\_study(pcre\_extra \*);

PCRE\_EXP\_DECL void pcre16\_free\_study(pcre16\_extra \*);

PCRE\_EXP\_DECL const char \*pcre\_version(void);

PCRE\_EXP\_DECL const char \*pcre16\_version(void);

/\* Utility functions for byte order swaps. \*/

PCRE\_EXP\_DECL int pcre16\_pattern\_to\_host\_byte\_order(pcre16 \*, pcre16\_extra \*, const unsigned char \*);

PCRE\_EXP\_DECL int pcre16\_utf16\_to\_host\_byte\_order(PCRE\_UCHAR16\*, PCRE\_SPTR16, int, int \*, int);

/\* JIT compiler related functions. \*/

PCRE\_EXP\_DECL pcre\_jit\_stack \*pcre\_jit\_stack\_alloc(int, int);

PCRE\_EXP\_DECL pcre16\_jit\_stack \*pcre16\_jit\_stack\_alloc(int, int);

PCRE\_EXP\_DECL void pcre\_jit\_stack\_free(pcre\_jit\_stack \*);

PCRE\_EXP\_DECL void pcre16\_jit\_stack\_free(pcre16\_jit\_stack \*);

PCRE\_EXP\_DECL void pcre\_assign\_jit\_stack(pcre\_extra \*,

pcre\_jit\_callback, void \*);

#ifdef \_\_cplusplus
} /\* extern "C" \*/
#endif

#endif /\* End of pcre.h \*/

/\* GLIB - Library of useful routines for C programming

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\*/

#ifndef \_\_G\_LIB\_H\_\_\_
#define \_\_G\_LIB\_H\_\_\_

#define \_\_GLIB\_H\_INSIDE\_\_

#include <glib/galloca.h> #include <glib/garray.h> #include <glib/gasyncqueue.h> #include <glib/gatomic.h> #include <glib/gbacktrace.h> #include <glib/gbase64.h> #include <glib/gbitlock.h> #include <glib/gbookmarkfile.h> #include <glib/gbytes.h> #include <glib/gcharset.h> #include <glib/gchecksum.h> #include <glib/gconvert.h> #include <glib/gdataset.h> #include <glib/gdate.h> #include <glib/gdatetime.h> #include <glib/gdir.h> #include <glib/genviron.h> #include <glib/gerror.h> #include <glib/gfileutils.h> #include <glib/ggettext.h> #include <glib/ghash.h> #include <glib/ghmac.h> #include <glib/ghook.h> #include <glib/ghostutils.h> #include <glib/giochannel.h> #include <glib/gkeyfile.h> #include <glib/glist.h> #include <glib/gmacros.h> #include <glib/gmain.h> #include <glib/gmappedfile.h> #include <glib/gmarkup.h> #include <glib/gmem.h> #include <glib/gmessages.h>

#include <glib/gnode.h> #include <glib/goption.h> #include <glib/gpattern.h> #include <glib/gpoll.h> #include <glib/gprimes.h> #include <glib/gqsort.h> #include <glib/gquark.h> #include <glib/gqueue.h> #include <glib/grand.h> #include <glib/gregex.h> #include <glib/gscanner.h> #include <glib/gsequence.h> #include <glib/gshell.h> #include <glib/gslice.h> #include <glib/gslist.h> #include <glib/gspawn.h> #include <glib/gstrfuncs.h> #include <glib/gstring.h> #include <glib/gstringchunk.h> #include <glib/gtestutils.h> #include <glib/gthread.h> #include <glib/gthreadpool.h> #include <glib/gtimer.h> #include <glib/gtimezone.h> #include <glib/gtrashstack.h> #include <glib/gtree.h> #include <glib/gtypes.h> #include <glib/gunicode.h> #include <glib/gurifuncs.h> #include <glib/gutils.h> #include <glib/gvarianttype.h> #include <glib/gvariant.h> #include <glib/gversion.h> #include <glib/gversionmacros.h> #ifdef G\_PLATFORM\_WIN32 #include <glib/gwin32.h> #endif

## #ifndef G\_DISABLE\_DEPRECATED

#include <glib/deprecated/gallocator.h>
#include <glib/deprecated/gcache.h>
#include <glib/deprecated/gcompletion.h>
#include <glib/deprecated/gmain.h>
#include <glib/deprecated/grel.h>
#include <glib/deprecated/gthread.h>
#endif /\* G\_DISABLE\_DEPRECATED \*/

#include <glib/glib-autocleanups.h>

#undef \_\_GLIB\_H\_INSIDE\_\_

#endif /\* \_\_G\_LIB\_H\_\_ \*/
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## 1.93 ethtool 5.12

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# 1.94 net-snmp 5.1.1

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- .
- \* tcp window size.c
- \* by Mark Gates <mgates@nlanr.net>
- \* \_\_\_\_\_
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| *  |
| *  |
| * stdio.c  |
| * by Mark Gates <mgates@nlanr.net></mgates@nlanr.net>                  |
| * and Ajay Tirumalla <tirumala@ncsa.uiuc.edu></tirumala@ncsa.uiuc.edu> |
| *  |
| * input and output numbers, converting with kilo, mega, giga           |
| **/  |

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## 1.100 busybox 1.26.2

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# 1.101 open-iscsi 2.0.873

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# 1.102 golang 1.12.4

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#

# The agreement for individuals can be filled out on the web.

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- # Individual's name <submission email address>
- # Individual's name <submission email address> <email2> <emailN>

#

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# that the other addresses should be recognized as the

# same person when interacting with Gerrit.

# Please keep the list sorted.

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## 1.103 python-setuptools 44.0.0

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# 1.106 pciutils 3.1.8

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