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1.2 bootenv 0.0.1

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The bootenv utility is placed under the GPL by means of the e-mail exchange between myself and the original author shown below.

-- John W. Linville
LVL7 Systems, Inc.
04/22/2003

From - Tue Apr 22 15:12:58 2003
X-Mozilla-Status: 0001
X-Mozilla-Status2: 00000000
Received: from nobody.lpr.e-technik.tu-muenchen.de ([129.187.151.1]) by lv17ser4.lv17.com with SMTP (Microsoft Exchange Internet Mail Service Version 5.5.2650.21)
id 20WHF7CF; Sat, 19 Apr 2003 10:57:27 -0400
Received: from metrowerks.com (ernie.lpr.e-technik.tu-muenchen.de [129.187.151.192])
by nobody.lpr.e-technik.tu-muenchen.de (8.11.6/8.11.6) with ESMTP id h3JErI07056
for <linville@lv17.com>; Sat, 19 Apr 2003 16:53:47 +0200

Message-ID: <3EA162E8.9030201@metrowerks.com>
Date: Sat, 19 Apr 2003 16:53:28 +0200
From: Bernhard Kuhn <bkuhn@metrowerks.com>
X-Accept-Language: en-us, en
MIME-Version: 1.0
To: "John W. Linville" <linville@lv17.com>
Subject: Re: bootenv binary
References: <3EA0785D.7050603@lv17.com>
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

John W. Linville wrote:

> Is the bootenv binary covered by the GPL?

Yes, i will add a license file by time :-)

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```

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```
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1.8 dropbear-0.51 0.51

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=====

LibTomCrypt and LibTomMath are written by Tom St Denis, and are Public Domain.

=====

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.

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=====

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

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1.9 fakeroot 1.7.1

1.9.1 Available under license :

I suppose 'libtricks' will take the quest of finding border-cases for the GPL yet one more (small) step forward. Does every dynamically linked executable fall under the GPL once someone said `LD_PRELOAD=libtricks.so.0.0 executable'?

That seems to be a rather strange interpretation of the GPL.

The way I (as author of libtricks) see it:

- you're free to link any program with this library and run it.
- Only when you give away or sell copies of a program that is _set up_ to use this library (or needs it), that program will be considered a ``work based on the library'', and thus fall under GPL.

I've considered using LGPL, but I decided against that because

- I still don't quite understand it's terms.
- I actually don't want a program that really needs this library to be distributed with any other licence than (L)GPL.

joost witteveen.

For the tekst of the GPL, see /usr/doc/copyright/GPL of any debian system.

1.10 gcc 4.2.1

1.10.1 Available under license :

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1.11 GDB 6.6

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*/
/*
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*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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1.14 libghthash 0.5.5

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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.

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

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

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

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

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

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

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1.17 Izma 4.57

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Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
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the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

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```

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:

```
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```

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

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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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.]

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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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```

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate

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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:

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

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

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1.19 Minihttpd 1.19

1.19.1 Available under license :

```
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**
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1.20 mpfr 2.3.0

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Version 2.1, February 1999

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-- $Id: README,v 1.2 2000/03/12 02:39:12 Daniel.Weaver Exp $
```

The 'tack' program is a diagnostic that is designed to create and
verify the correctness of terminfo's. This program can be used to
create new terminal descriptions that are not included in the standard
release. Although 'tack' is distributed with ncurses, it is not an
integral part of ncurses. It may be removed from the release without
limiting the usefulness of ncurses on those terminals described in the
terminfo data base. The best way to remove 'tack' from the build is
to delete or rename the 'tack' directory before running the configure
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1.24 NetSNMP 5.4.1.2

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1.25 NTP 4.2.8p10

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 52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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 58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
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1.27 pstack 1.2

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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.

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```

```
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1.30 strace 4.5.3

1.30.1 Available under license :

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Read the INSTALL file for generic instructions on how to install strace. If configure cannot guess your system configuration, you can

specify it on the command line after the other options like this:

```
./configure --prefix=/usr i486-linux
```

A single sunos4.1 binary should work on all the sun4, sun4c and sun4m kernel architectures. Let me know if sun4d doesn't work. Other i486-*-sysv4 systems may work with little or no tweaking.

See the file NEWS for information on what has changed in recent versions.

See the file PORTING if you like strace but it doesn't work on an operating system you use frequently.

See the file CREDITS to see who has contributed to strace.

See the file TODO if you feel like helping out.

You can get the latest version of strace from its homepage at <http://www.liacs.nl/~wichert/strace/> .

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generated automatically by aclocal 1.7.8 -*- Autoconf -*-

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dnl
dnl This file contains macros used in configure.ac.
dnl automake uses this file to generate aclocal.m4, which is used by autoconf.
dnl

dnl ### A macro to find the include directory, useful for cross-compiling.

```
AC_DEFUN([AC_INCLUDEDIR],  
[AC_REQUIRE([AC_PROG_AWK])dnl  
AC_SUBST(include_dir)  
AC_MSG_CHECKING(for primary include directory)  
include_dir=/usr/include  
if test -n "$GCC"  
then  
>conftest.c  
new_include_dir='  
$CC -v -E conftest.c 2>&1 | $AWK '  
/^End of search list/ { print last; exit }  
{ last = [$]1 }  
,  
,  
rm -f conftest.c  
if test -n "$new_include_dir" && test -d "$new_include_dir"  
then
```

```

    includedir=$new_includedir
fi
fi
AC_MSG_RESULT($includedir)
)

```

```

dnl ### A macro to set gcc warning flags.
define(AC_WARNFLAGS,
[AC_SUBST(WARNFLAGS)
if test -z "$WARNFLAGS"
then
if test -n "$GCC"
then
# If we're using gcc we want warning flags.
WARNFLAGS=-Wall
fi
fi
])

```

```

dnl ### A macro to determine if we have a "MP" type procfs
AC_DEFUN([AC_MP_PROCFS],
[AC_MSG_CHECKING(for MP procfs)
AC_CACHE_VAL(ac_cv_mp_procfs,
[AC_RUN_IFELSE([AC_LANG_SOURCE([[
#include <stdio.h>
#include <signal.h>
#include <sys/procfs.h>

```

```

main()
{
int pid;
char proc[32];
FILE *ctl;
FILE *status;
int cmd;
struct pstatus pstatus;

if ((pid = fork()) == 0) {
pause();
exit(0);
}
sprintf(proc, "/proc/%d/ctl", pid);
if ((ctl = fopen(proc, "w")) == NULL)
goto fail;
sprintf(proc, "/proc/%d/status", pid);
if ((status = fopen (proc, "r")) == NULL)
goto fail;
cmd = PCSTOP;

```



```

if (write (fileno (ctl), &cmd, sizeof cmd) < 0)
    goto fail;
if (read (fileno (status), &pstatus, sizeof pstatus) < 0)
    goto fail;
kill(pid, SIGKILL);
exit(0);
fail:
kill(pid, SIGKILL);
exit(1);
}
]],[ac_cv_mp_procfs=yes],[ac_cv_mp_procfs=no],[
# Guess or punt.
case "$host_os" in
svr4.2*|svr5*)
ac_cv_mp_procfs=yes
;;
*)
ac_cv_mp_procfs=no
;;
esac
)])
AC_MSG_RESULT($ac_cv_mp_procfs)
if test "$ac_cv_mp_procfs" = yes
then
AC_DEFINE([HAVE_MP_PROCFS], 1,
[Define if you have a SVR4 MP type procfs.
I.E. /dev/xxx/ctl, /dev/xxx/status.
Also implies that you have the pr_lwp member in prstatus.])
fi
)

```

dnl ### A macro to determine if procfs is pollable.

```

AC_DEFUN([AC_POLLABLE_PROCFS],
[AC_MSG_CHECKING(for pollable procfs)
AC_CACHE_VAL(ac_cv_pollable_procfs,
[AC_RUN_IFELSE([AC_LANG_SOURCE([[
#include <stdio.h>
#include <signal.h>
#include <sys/procfs.h>
#include <sys/stropts.h>
#include <poll.h>

```

```

#ifdef HAVE_MP_PROCFS
#define PIOCSTOP PCSTOP
#define POLLWANT POLLWRNORM
#define PROC "/proc/%d/ctl"
#define PROC_MODE "w"
int IOCTL (int fd, int cmd, int arg) {

```

```

return write (fd, &cmd, sizeof cmd);
}
#else
#define POLLWANT POLLPRI
#define PROC "/proc/%d"
#define PROC_MODE "r+"
#define IOCTL ioctl
#endif

main()
{
int pid;
char proc[32];
FILE *pfp;
struct pollfd pfd;

if ((pid = fork()) == 0) {
pause();
exit(0);
}
sprintf(proc, PROC, pid);
if ((pfp = fopen(proc, PROC_MODE)) == NULL)
goto fail;
if (IOCTL(fileno(pfp), PIOCSTOP, NULL) < 0)
goto fail;
pfd.fd = fileno(pfp);
pfd.events = POLLWANT;
if (poll(&pfd, 1, 0) < 0)
goto fail;
if (!(pfd.revents & POLLWANT))
goto fail;
kill(pid, SIGKILL);
exit(0);
fail:
kill(pid, SIGKILL);
exit(1);
}
)],[ac_cv_pollable_procfs=yes],[ac_cv_pollable_procfs=no],[
# Guess or punt.
case "$host_os" in
solaris2*|irix5*|svr4.2uw*|svr5*)
ac_cv_pollable_procfs=yes
;;
*)
ac_cv_pollable_procfs=no
;;
esac
)])

```

```

AC_MSG_RESULT($ac_cv_pollable_procfs)
if test "$ac_cv_pollable_procfs" = yes
then
  AC_DEFINE([HAVE_POLLABLE_PROCFS], 1,
[Define if you have SVR4 and the poll system call works on /proc files.])
fi
)

dnl ### A macro to determine if the prstatus structure has a pr_syscall member.
AC_DEFUN([AC_STRUCT_PR_SYSCALL],
[AC_MSG_CHECKING(for pr_syscall in struct prstatus)
AC_CACHE_VAL(ac_cv_struct_pr_syscall,
[AC_COMPILE_IFELSE([AC_LANG_PROGRAM([[#include <sys/procfs.h>], [[#ifdef HAVE_MP_PROCFS
prstatus_t s;
s.pr_lwp.pr_syscall
#else
prstatus_t s;
s.pr_syscall
#endif]])],[ac_cv_struct_pr_syscall=yes],[ac_cv_struct_pr_syscall=no]])]
AC_MSG_RESULT($ac_cv_struct_pr_syscall)
if test "$ac_cv_struct_pr_syscall" = yes
then
  AC_DEFINE([HAVE_PR_SYSCALL], 1,
[Define if the prstatus structure in sys/procfs.h has a pr_syscall member.])
fi
)

dnl ### A macro to determine whether stat64 is defined.
AC_DEFUN([AC_STAT64],
[AC_MSG_CHECKING(for stat64 in (asm|sys)/stat.h)
AC_CACHE_VAL(ac_cv_type_stat64,
[AC_COMPILE_IFELSE([AC_LANG_PROGRAM([[#ifdef LINUX
#include <linux/types.h>
#include <asm/stat.h>
#else
#include <sys/stat.h>
#endif]])],[struct stat64 st;]], [ac_cv_type_stat64=yes],[ac_cv_type_stat64=no]])]
AC_MSG_RESULT($ac_cv_type_stat64)
if test "$ac_cv_type_stat64" = yes
then
  AC_DEFINE([HAVE_STAT64], 1,
[Define if stat64 is available in asm/stat.h.])
fi
)

dnl ### A macro to determine if off_t is a long long
AC_DEFUN([AC_OFF_T_IS_LONG_LONG],
[AC_MSG_CHECKING(for long long off_t)

```

```

AC_CACHE_VAL(ac_cv_have_long_long_off_t,
[AC_RUN_IFELSE([AC_LANG_SOURCE([[#include <sys/types.h>
main () {
if (sizeof (off_t) == sizeof (long long) &&
sizeof (off_t) > sizeof (long))
return 0;
return 1;
}
]])],[ac_cv_have_long_long_off_t=yes],[ac_cv_have_long_long_off_t=no],[# Should try to guess here
ac_cv_have_long_long_off_t=no
]))
AC_MSG_RESULT($ac_cv_have_long_long_off_t)
if test "$ac_cv_have_long_long_off_t" = yes
then
AC_DEFINE([HAVE_LONG_LONG_OFF_T], 1, [Define if off_t is a long long.])
fi
])

dnl ### A macro to determine if rlim_t is a long long
AC_DEFUN([AC_RLIM_T_IS_LONG_LONG],
[AC_MSG_CHECKING(for long long rlim_t)
AC_CACHE_VAL(ac_cv_have_long_long_rlim_t,
[AC_RUN_IFELSE([AC_LANG_SOURCE([[#include <sys/types.h>
#include <sys/time.h>
#include <sys/resource.h>
main () {
if (sizeof (rlim_t) == sizeof (long long) &&
sizeof (rlim_t) > sizeof (long))
return 0;
return 1;
}
]])],[ac_cv_have_long_long_rlim_t=yes],[ac_cv_have_long_long_rlim_t=no],[# Should try to guess here
ac_cv_have_long_long_rlim_t=no
]))
AC_MSG_RESULT($ac_cv_have_long_long_rlim_t)
if test "$ac_cv_have_long_long_rlim_t" = yes
then
AC_DEFINE([HAVE_LONG_LONG_RLIM_T], 1, [Define if rlim_t is a long long.])
fi
])

dnl ### A macro to determine endianness of long long
AC_DEFUN([AC_LITTLE_ENDIAN_LONG_LONG],
[AC_MSG_CHECKING(for little endian long long)
AC_CACHE_VAL(ac_cv_have_little_endian_long_long,
[AC_RUN_IFELSE([AC_LANG_SOURCE([[
int main () {
union {

```

```

long long ll;
long l [2];
} u;
u.ll = 0x12345678;
if (u.l[0] == 0x12345678)
    return 0;
return 1;
}
]])],[ac_cv_have_little_endian_long_long=yes],[ac_cv_have_little_endian_long_long=no],[# Should try to guess
here
ac_cv_have_little_endian_long_long=no
)])
AC_MSG_RESULT($ac_cv_have_little_endian_long_long)
if test "$ac_cv_have_little_endian_long_long" = yes
then
    AC_DEFINE([HAVE_LITTLE_ENDIAN_LONG_LONG], 1,
[Define if long long is little-endian.])
fi
])

# Like AC_CONFIG_HEADER, but automatically create stamp file. -*- Autoconf -*-

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AC_PREREQ([2.52])

# serial 6

# AM_CONFIG_HEADER is obsolete. It has been replaced by AC_CONFIG_HEADERS.
AU_DEFUN([AM_CONFIG_HEADER], [AC_CONFIG_HEADERS($@)])

# Do all the work for Automake.                    -*- Autoconf -*-

```

```

# This macro actually does too much some checks are only needed if
# your package does certain things. But this isn't really a big deal.

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# serial 10

AC_PREREQ([2.54])

# Autoconf 2.50 wants to disallow AM_ names. We explicitly allow
# the ones we care about.
m4_pattern_allow([AM_[A-Z]+FLAGS$])dnl

# AM_INIT_AUTOMAKE(PACKAGE, VERSION, [NO-DEFINE])
# AM_INIT_AUTOMAKE([OPTIONS])
# -----
# The call with PACKAGE and VERSION arguments is the old style
# call (pre autoconf-2.50), which is being phased out. PACKAGE
# and VERSION should now be passed to AC_INIT and removed from
# the call to AM_INIT_AUTOMAKE.
# We support both call styles for the transition. After
# the next Automake release, Autoconf can make the AC_INIT
# arguments mandatory, and then we can depend on a new Autoconf
# release and drop the old call support.
AC_DEFUN([AM_INIT_AUTOMAKE],
[AC_REQUIRE([AM_SET_CURRENT_AUTOMAKE_VERSION])dnl
AC_REQUIRE([AC_PROG_INSTALL])dnl
# test to see if srcdir already configured
if test "cd $srcdir && pwd" != "pwd" &&
  test -f $srcdir/config.status; then
  AC_MSG_ERROR([source directory already configured; run "make distclean" there first])
fi

```

```

# test whether we have cygpath
if test -z "$CYGPATH_W"; then
if (cygpath --version) >/dev/null 2>/dev/null; then
  CYGPATH_W='cygpath -w'
else
  CYGPATH_W=echo
fi
fi
AC_SUBST([CYGPATH_W])

# Define the identity of the package.
dnl Distinguish between old-style and new-style calls.
m4_ifval([$2],
[m4_ifval([$3], [_AM_SET_OPTION([no-define]))]dnl
AC_SUBST([PACKAGE], [$1])dnl
AC_SUBST([VERSION], [$2]),
[_AM_SET_OPTIONS([$1])dnl
AC_SUBST([PACKAGE], ['AC_PACKAGE_TARNAME'])dnl
AC_SUBST([VERSION], ['AC_PACKAGE_VERSION'])])dnl

_AM_IF_OPTION([no-define],,
[AC_DEFINE_UNQUOTED(PACKAGE, "$PACKAGE", [Name of package])
AC_DEFINE_UNQUOTED(VERSION, "$VERSION", [Version number of package])]dnl

# Some tools Automake needs.
AC_REQUIRE([AM_SANITY_CHECK])dnl
AC_REQUIRE([AC_ARG_PROGRAM])dnl
AM_MISSING_PROG(ACLOCAL, aclocal-${am__api_version})
AM_MISSING_PROG(AUTOCONF, autoconf)
AM_MISSING_PROG(AUTOMAKE, automake-${am__api_version})
AM_MISSING_PROG(AUTOHEADER, autoheader)
AM_MISSING_PROG(MAKEINFO, makeinfo)
AM_MISSING_PROG(AMTAR, tar)
AM_PROG_INSTALL_SH
AM_PROG_INSTALL_STRIP
# We need awk for the "check" target. The system "awk" is bad on
# some platforms.
AC_REQUIRE([AC_PROG_AWK])dnl
AC_REQUIRE([AC_PROG_MAKE_SET])dnl
AC_REQUIRE([AM_SET_LEADING_DOT])dnl

_AM_IF_OPTION([no-dependencies],,
[AC_PROVIDE_IFELSE([AC_PROG_CC],
  [_AM_DEPENDENCIES(CC)],
  [define([AC_PROG_CC],
    defn([AC_PROG_CC])[_AM_DEPENDENCIES(CC)])])dnl
AC_PROVIDE_IFELSE([AC_PROG_CXX],

```

```

        [_AM_DEPENDENCIES(CXX)],
        [define([AC_PROG_CXX],
                defn([AC_PROG_CXX][_AM_DEPENDENCIES(CXX)])]dnl
    ])
])

# When config.status generates a header, we must update the stamp-h file.
# This file resides in the same directory as the config header
# that is generated. The stamp files are numbered to have different names.

# Autoconf calls _AC_AM_CONFIG_HEADER_HOOK (when defined) in the
# loop where config.status creates the headers, so we can generate
# our stamp files there.
AC_DEFUN([_AC_AM_CONFIG_HEADER_HOOK],
[# Compute $1's index in $config_headers.
_am_stamp_count=1
for _am_header in $config_headers ;; do
case $_am_header in
    $1 | $1:* )
        break ;;
    * )
        _am_stamp_count='expr $_am_stamp_count + 1' ;;
esac
done
echo "timestamp for $1" >'AS_DIRNAME([$1])/stamp-h[ ]$_am_stamp_count])

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# AM_AUTOMAKE_VERSION(VERSION)
# -----
# Automake X.Y traces this macro to ensure aclocal.m4 has been
# generated from the m4 files accompanying Automake X.Y.
AC_DEFUN([AM_AUTOMAKE_VERSION],[am__api_version="1.7"])

```



```

# AM_SET_CURRENT_AUTOMAKE_VERSION
# -----
# Call AM_AUTOMAKE_VERSION so it can be traced.
# This function is AC_REQUIred by AC_INIT_AUTOMAKE.
AC_DEFUN([AM_SET_CURRENT_AUTOMAKE_VERSION],
  [AM_AUTOMAKE_VERSION([1.7.8])])

# Helper functions for option handling.          -*- Autoconf -*-

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# serial 2

# _AM_MANGLE_OPTION(NAME)
# -----
AC_DEFUN([_AM_MANGLE_OPTION],
  [[_AM_OPTION_]m4_bpatsubst($1, [[^a-zA-Z0-9_]], [_])])

# _AM_SET_OPTION(NAME)
# -----
# Set option NAME. Presently that only means defining a flag for this option.
AC_DEFUN([_AM_SET_OPTION],
  [m4_define(_AM_MANGLE_OPTION([$1]), 1)])

# _AM_SET_OPTIONS(OPTIONS)
# -----
# OPTIONS is a space-separated list of Automake options.
AC_DEFUN([_AM_SET_OPTIONS],
  [AC_FOREACH(_AM_Option, [$1], [_AM_SET_OPTION(_AM_Option)])])

# _AM_IF_OPTION(OPTION, IF-SET, [IF-NOT-SET])
# -----

```

```

# Execute IF-SET if OPTION is set, IF-NOT-SET otherwise.
AC_DEFUN([_AM_IF_OPTION],
[m4_ifset(_AM_MANGLE_OPTION([$1]), [$2], [$3])])

#

# Check to make sure that the build environment is sane.
#

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# serial 3

# AM_SANITY_CHECK
# -----
AC_DEFUN([AM_SANITY_CHECK],
[AC_MSG_CHECKING([whether build environment is sane])
# Just in case
sleep 1
echo timestamp > conftest.file
# Do 'set' in a subshell so we don't clobber the current shell's
# arguments. Must try -L first in case configure is actually a
# symlink; some systems play weird games with the mod time of symlinks
# (eg FreeBSD returns the mod time of the symlink's containing
# directory).
if (
  set X 'ls -Lt $srcdir/configure conftest.file 2> /dev/null'
  if test "$[*]" = "X"; then
    # -L didn't work.
    set X 'ls -t $srcdir/configure conftest.file'
  fi
  rm -f conftest.file
  if test "$[*]" != "X $srcdir/configure conftest.file" \
    && test "$[*]" != "X conftest.file $srcdir/configure"; then

```

```

# If neither matched, then we have a broken ls. This can happen
# if, for instance, CONFIG_SHELL is bash and it inherits a
# broken ls alias from the environment. This has actually
# happened. Such a system could not be considered "sane".
AC_MSG_ERROR([ls -t appears to fail. Make sure there is not a broken
alias in your environment])
fi

test "$[2]" = conftest.file
)
then
# Ok.
:
else
AC_MSG_ERROR([newly created file is older than distributed files!
Check your system clock])
fi
AC_MSG_RESULT(yes))

# -*- Autoconf -*-

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# serial 3

# AM_MISSING_PROG(NAME, PROGRAM)
# -----
AC_DEFUN([AM_MISSING_PROG],
[AC_REQUIRE([AM_MISSING_HAS_RUN])
$1=${1-"${am_missing_run}$2"}
AC_SUBST($1)])

```

```

# AM_MISSING_HAS_RUN
# -----
# Define MISSING if not defined so far and test if it supports --run.
# If it does, set am_missing_run to use it, otherwise, to nothing.
AC_DEFUN([AM_MISSING_HAS_RUN],
[AC_REQUIRE([AM_AUX_DIR_EXPAND])dnl
test x"${MISSING+set}" = xset || MISSING="\${SHELL} $am_aux_dir/missing"
# Use eval to expand $SHELL
if eval "$MISSING --run true"; then
  am_missing_run="$MISSING --run "
else
  am_missing_run=
AC_MSG_WARN(['missing' script is too old or missing])
fi
])

# AM_AUX_DIR_EXPAND

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# For projects using AC_CONFIG_AUX_DIR([foo]), Autoconf sets
# $ac_aux_dir to '$srcdir/foo'. In other projects, it is set to
# '$srcdir', '$srcdir/..', or '$srcdir/../../'.
#
# Of course, Automake must honor this variable whenever it calls a
# tool from the auxiliary directory. The problem is that $srcdir (and
# therefore $ac_aux_dir as well) can be either absolute or relative,
# depending on how configure is run. This is pretty annoying, since
# it makes $ac_aux_dir quite unusable in subdirectories: in the top
# source directory, any form will work fine, but in subdirectories a
# relative path needs to be adjusted first.

```

```

#
# $ac_aux_dir/missing
# fails when called from a subdirectory if $ac_aux_dir is relative
# $top_srcdir/$ac_aux_dir/missing
# fails if $ac_aux_dir is absolute,
# fails when called from a subdirectory in a VPATH build with
#   a relative $ac_aux_dir
#
# The reason of the latter failure is that $top_srcdir and $ac_aux_dir
# are both prefixed by $srcdir. In an in-source build this is usually
# harmless because $srcdir is '.', but things will broke when you
# start a VPATH build or use an absolute $srcdir.
#
# So we could use something similar to $top_srcdir/$ac_aux_dir/missing,
# iff we strip the leading $srcdir from $ac_aux_dir. That would be:
# am_aux_dir="\$(top_srcdir)"expr "$ac_aux_dir" : "$srcdir/*\(.*)"
# and then we would define $MISSING as
# MISSING="\${SHELL} $am_aux_dir/missing"
# This will work as long as MISSING is not called from configure, because
# unfortunately $(top_srcdir) has no meaning in configure.
# However there are other variables, like CC, which are often used in
# configure, and could therefore not use this "fixed" $ac_aux_dir.
#
# Another solution, used here, is to always expand $ac_aux_dir to an
# absolute PATH. The drawback is that using absolute paths prevent a
# configured tree to be moved without reconfiguration.

# Rely on autoconf to set up CDPATH properly.
AC_PREREQ([2.50])

AC_DEFUN([AM_AUX_DIR_EXPAND], [
# expand $ac_aux_dir to an absolute path
am_aux_dir='cd $ac_aux_dir && pwd'
])

# AM_PROG_INSTALL_SH
# -----
# Define $install_sh.

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```

```
AC_DEFUN([AM_PROG_INSTALL_SH],
[AC_REQUIRE([AM_AUX_DIR_EXPAND])dnl
install_sh=${install_sh-"$am_aux_dir/install-sh"}
AC_SUBST(install_sh)])
```

```
# AM_PROG_INSTALL_STRIP
```

```
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```

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```

```
# One issue with vendor 'install' (even GNU) is that you can't
# specify the program used to strip binaries. This is especially
# annoying in cross-compiling environments, where the build's strip
# is unlikely to handle the host's binaries.
# Fortunately install-sh will honor a STRIPPROG variable, so we
# always use install-sh in 'make install-strip', and initialize
# STRIPPROG with the value of the STRIP variable (set by the user).
AC_DEFUN([AM_PROG_INSTALL_STRIP],
[AC_REQUIRE([AM_PROG_INSTALL_SH])dnl
# Installed binaries are usually stripped using 'strip' when the user
# run 'make install-strip'. However 'strip' might not be the right
# tool to use in cross-compilation environments, therefore Automake
# will honor the 'STRIP' environment variable to overrule this program.
dnl Don't test for $cross_compiling = yes, because it might be 'maybe'.
if test "$cross_compiling" != no; then
AC_CHECK_TOOL([STRIP], [strip], :)
```

```

fi
INSTALL_STRIP_PROGRAM="\${SHELL} \$(install_sh) -c -s"
AC_SUBST([INSTALL_STRIP_PROGRAM]))

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# serial 1

# Check whether the underlying file-system supports filenames
# with a leading dot. For instance MS-DOS doesn't.
AC_DEFUN([AM_SET_LEADING_DOT],
[rm -rf .tst 2>/dev/null
mkdir .tst 2>/dev/null
if test -d .tst; then
  am__leading_dot=.
else
  am__leading_dot=_
fi
rmdir .tst 2>/dev/null
AC_SUBST([am__leading_dot])])

# serial 5    -*- Autoconf -*-

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```

```
# There are a few dirty hacks below to avoid letting 'AC_PROG_CC' be
# written in clear, in which case automake, when reading aclocal.m4,
# will think it sees a *use*, and therefore will trigger all it's
# C support machinery. Also note that it means that autoscan, seeing
# CC etc. in the Makefile, will ask for an AC_PROG_CC use...
```

```
# _AM_DEPENDENCIES(NAME)
```

```
# -----
```

```
# See how the compiler implements dependency checking.
```

```
# NAME is "CC", "CXX", "GCJ", or "OBJC".
```

```
# We try a few techniques and use that to set a single cache variable.
```

```
#
```

```
# We don't AC_REQUIRE the corresponding AC_PROG_CC since the latter was
```

```
# modified to invoke _AM_DEPENDENCIES(CC); we would have a circular
```

```
# dependency, and given that the user is not expected to run this macro,
```

```
# just rely on AC_PROG_CC.
```

```
AC_DEFUN([_AM_DEPENDENCIES],
```

```
[AC_REQUIRE([AM_SET_DEPDIR])dnl
```

```
AC_REQUIRE([AM_OUTPUT_DEPENDENCY_COMMANDS])dnl
```

```
AC_REQUIRE([AM_MAKE_INCLUDE])dnl
```

```
AC_REQUIRE([AM_DEP_TRACK])dnl
```

```
ifelse([$1], CC, [depcc="$CC" am_compiler_list=],
```

```
  [$1], CXX, [depcc="$CXX" am_compiler_list=],
```

```
  [$1], OBJC, [depcc="$OBJC" am_compiler_list='gcc3 gcc'],
```

```
  [$1], GCJ, [depcc="$GCJ" am_compiler_list='gcc3 gcc'],
```

```
  [depcc="$1" am_compiler_list=])
```

```
AC_CACHE_CHECK([dependency style of $depcc],
```

```
  [am_cv_$1_dependencies_compiler_type],
```

```
[if test -z "$AMDEP_TRUE" && test -f "$am_depcomp"; then
```

```
  # We make a subdir and do the tests there. Otherwise we can end up
```

```
  # making bogus files that we don't know about and never remove. For
```

```
  # instance it was reported that on HP-UX the gcc test will end up
```

```
  # making a dummy file named 'D' -- because '-MD' means 'put the output
```

```
  # in D'.
```

```
  mkdir conftest.dir
```



```

# Copy depcomp to subdir because otherwise we won't find it if we're
# using a relative directory.
cp "$am_depcomp" conftest.dir
cd conftest.dir
# We will build objects and dependencies in a subdirectory because
# it helps to detect inapplicable dependency modes. For instance
# both Tru64's cc and ICC support -MD to output dependencies as a
# side effect of compilation, but ICC will put the dependencies in
# the current directory while Tru64 will put them in the object
# directory.
mkdir sub

am_cv_$1_dependencies_compiler_type=none
if test "$am_compiler_list" = ""; then
    am_compiler_list='sed -n [s/^#*([a-zA-Z0-9]*)$/\1/p]' < ./depcomp'
fi
for depmode in $am_compiler_list; do
    # Setup a source with many dependencies, because some compilers
    # like to wrap large dependency lists on column 80 (with \), and
    # we should not choose a depcomp mode which is confused by this.
    #
    # We need to recreate these files for each test, as the compiler may
    # overwrite some of them when testing with obscure command lines.
    # This happens at least with the AIX C compiler.
    : > sub/conftest.c
    for i in 1 2 3 4 5 6; do
        echo '#include "confstst$i.h"' >> sub/conftest.c
        : > sub/confstst$i.h
    done
    echo "${am__include} ${am__quote}sub/conftest.Po${am__quote}" > confmf

    case $depmode in
    nosideeffect)
        # after this tag, mechanisms are not by side-effect, so they'll
        # only be used when explicitly requested
        if test "x$enable_dependency_tracking" = xyes; then
            continue
        else
            break
        fi
        ;;
    none) break ;;
    esac
    # We check with '-c' and '-o' for the sake of the "dashmstdout"
    # mode. It turns out that the SunPro C++ compiler does not properly
    # handle '-M -o', and we need to detect this.
    if depmode=$depmode \
        source=sub/conftest.c object=sub/conftest.${OBJEXT-o} \

```

```

deffile=sub/confstest.Po tmpdeffile=sub/confstest.TPo \
$SHELL ./depcomp $depcc -c -o sub/confstest.${OBJEXT-o} sub/confstest.c \
  >/dev/null 2>confstest.err &&
grep sub/confst6.h sub/confstest.Po > /dev/null 2>&1 &&
grep sub/confstest.${OBJEXT-o} sub/confstest.Po > /dev/null 2>&1 &&
${MAKE-make} -s -f confmf > /dev/null 2>&1; then
# icc doesn't choke on unknown options, it will just issue warnings
# (even with -Werror). So we grep stderr for any message
# that says an option was ignored.
if grep 'ignoring option' confstest.err >/dev/null 2>&1; then ;; else
  am_cv_$1_dependencies_compiler_type=$depmode
  break
fi
fi
done

cd ..
rm -rf confstest.dir
else
  am_cv_$1_dependencies_compiler_type=none
fi
])
AC_SUBST([$1DEPMODE], [depmode=$am_cv_$1_dependencies_compiler_type])
AM_CONDITIONAL([am__fastdep$1], [
  test "x$enable_dependency_tracking" != xno \
  && test "$am_cv_$1_dependencies_compiler_type" = gcc3])
])

# AM_SET_DEPDIR
# -----
# Choose a directory name for dependency files.
# This macro is AC_REQUIRED in _AM_DEPENDENCIES
AC_DEFUN([AM_SET_DEPDIR],
[AC_REQUIRE([AM_SET_LEADING_DOT])dnl
AC_SUBST([DEPDIR], ["${am__leading_dot}deps"])dnl
])

# AM_DEP_TRACK
# -----
AC_DEFUN([AM_DEP_TRACK],
[AC_ARG_ENABLE(dependency-tracking,
[ --disable-dependency-tracking Speeds up one-time builds
 --enable-dependency-tracking Do not reject slow dependency extractors])
if test "x$enable_dependency_tracking" != xno; then
  am_depcomp="$ac_aux_dir/depcomp"
  AMDEPBACKSLASH='\

```

```

fi
AM_CONDITIONAL([AMDEP], [test "x$enable_dependency_tracking" != xno])
AC_SUBST([AMDEPBACKSLASH])
])

# Generate code to set up dependency tracking.  -*- Autoconf -*-

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#serial 2

# _AM_OUTPUT_DEPENDENCY_COMMANDS
# -----
AC_DEFUN([_AM_OUTPUT_DEPENDENCY_COMMANDS],
[for mf in $CONFIG_FILES; do
  # Strip MF so we end up with the name of the file.
  mf='echo "$mf" | sed -e 's/:.*$//''
  # Check whether this is an Automake generated Makefile or not.
  # We used to match only the files named 'Makefile.in', but
  # some people rename them; so instead we look at the file content.
  # Grep'ing the first line is not enough: some people post-process
  # each Makefile.in and add a new line on top of each file to say so.
  # So let's grep whole file.
  if grep '^#.*generated by automake' $mf > /dev/null 2>&1; then
    dirpart='AS_DIRNAME("$mf")'
  else
    continue
  fi
  grep '^DEP_FILES *= *[[^ @%:@]]' < "$mf" > /dev/null || continue
  # Extract the definition of DEP_FILES from the Makefile without
  # running 'make'.
  DEPDIR='sed -n -e '/^DEPDIR = / s///p' < "$mf"'
  test -z "$DEPDIR" && continue

```

```

# When using ansi2knr, U may be empty or an underscore; expand it
U='sed -n -e '/^U = / s///p' < "$mf"'
test -d "$dirpart/$DEPDIR" || mkdir "$dirpart/$DEPDIR"
# We invoke sed twice because it is the simplest approach to
# changing $(DEPDIR) to its actual value in the expansion.
for file in `sed -n -e '
/^DEP_FILES = .*\\$/ {
  s/^DEP_FILES = //
  :loop
s^\\$/
p
n
^\\$/ b loop
  p
}
/^DEP_FILES = / s/^DEP_FILES = //p' < "$mf" | \
  sed -e 's/\$(DEPDIR)"/"$DEPDIR"/g' -e 's/\$U"/"$U"/g'; do
# Make sure the directory exists.
test -f "$dirpart/$file" && continue
fdir='AS_DIRNAME(["$file"])'
AS_MKDIR_P([$dirpart/$fdir])
# echo "creating $dirpart/$file"
echo '# dummy' > "$dirpart/$file"
done
done
)]# _AM_OUTPUT_DEPENDENCY_COMMANDS

# AM_OUTPUT_DEPENDENCY_COMMANDS
# -----
# This macro should only be invoked once -- use via AC_REQUIRE.
#
# This code is only required when automatic dependency tracking
# is enabled.  FIXME.  This creates each '.P' file that we will
# need in order to bootstrap the dependency handling code.
AC_DEFUN([AM_OUTPUT_DEPENDENCY_COMMANDS],
[AC_CONFIG_COMMANDS([depfiles],
  [test x"$AMDEP_TRUE" != x"" || _AM_OUTPUT_DEPENDENCY_COMMANDS],
  [AMDEP_TRUE="$AMDEP_TRUE" ac_aux_dir="$ac_aux_dir"])
])

# Check to see how 'make' treats includes.  -*- Autoconf -*-

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```

```

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# serial 2

# AM_MAKE_INCLUDE()
# -----
# Check to see how make treats includes.
AC_DEFUN([AM_MAKE_INCLUDE],
[am_make=${MAKE-make}
cat > confinc << 'END'
am__doit:
  @echo done
.PHONY: am__doit
END
# If we don't find an include directive, just comment out the code.
AC_MSG_CHECKING([for style of include used by $am_make])
am__include="#"
am__quote=
_am_result=none
# First try GNU make style include.
echo "include confinc" > confmf
# We grep out 'Entering directory' and 'Leaving directory'
# messages which can occur if 'w' ends up in MAKEFLAGS.
# In particular we don't look at '^make:' because GNU make might
# be invoked under some other name (usually "gmake"), in which
# case it prints its new name instead of 'make'.
if test "$am_make -s -f confmf 2> /dev/null | grep -v 'ing directory'" = "done"; then
  am__include=include
  am__quote=
  _am_result=GNU
fi
# Now try BSD make style include.
if test "$am__include" = "#"; then
  echo '.include "confinc"' > confmf
  if test "$am_make -s -f confmf 2> /dev/null" = "done"; then
    am__include=.include
    am__quote=""
    _am_result=BSD

```

```

fi
fi
AC_SUBST([am__include])
AC_SUBST([am__quote])
AC_MSG_RESULT([$_am_result])
rm -f confinc confmf
)

# AM_CONDITIONAL                                -*- Autoconf -*-

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# serial 5

AC_PREREQ(2.52)

# AM_CONDITIONAL(NAME, SHELL-CONDITION)
# -----
# Define a conditional.
AC_DEFUN([AM_CONDITIONAL],
[ifelse([$1], [TRUE], [AC_FATAL([$0: invalid condition: $1]),
      [$1], [FALSE], [AC_FATAL([$0: invalid condition: $1])]]dnl
AC_SUBST([$1_TRUE])
AC_SUBST([$1_FALSE])
if $2; then
  $1_TRUE=
  $1_FALSE='#'
else
  $1_TRUE='#'
  $1_FALSE=
fi
AC_CONFIG_COMMANDS_PRE(
[if test -z "${$1_TRUE}" && test -z "${$1_FALSE}"; then

```

```

AC_MSG_ERROR([conditional "$1" was never defined.
Usually this means the macro was only invoked conditionally.]
fi)])

# Add --enable-maintainer-mode option to configure.
# From Jim Meyering

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# serial 2

AC_DEFUN([AM_MAINTAINER_MODE],
[AC_MSG_CHECKING([whether to enable maintainer-specific portions of Makefiles])
dnl maintainer-mode is disabled by default
AC_ARG_ENABLE(maintainer-mode,
[ --enable-maintainer-mode enable make rules and dependencies not useful
      (and sometimes confusing) to the casual installer],
    USE_MAINTAINER_MODE=$enableval,
    USE_MAINTAINER_MODE=no)
AC_MSG_RESULT([$USE_MAINTAINER_MODE])
AM_CONDITIONAL(MAINTAINER_MODE, [test $USE_MAINTAINER_MODE = yes])
MAINT=$MAINTAINER_MODE_TRUE
AC_SUBST(MAINT)dnl
]
)

AU_DEFUN([jm_MAINTAINER_MODE], [AM_MAINTAINER_MODE])

```

1.31 stupid-ftpd 1.4beta

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

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

```
This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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.
```

```
You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

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:

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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

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:

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

1.32 tsrpm 1.8

1.32.1 Available under license :

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Version 2, June 1991

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Preamble

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When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, 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 redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

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Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the

Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, 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 executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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

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

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

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:

```
Gnomovision version 69, Copyright (C) year name of author
```

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.

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

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:

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

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

1.33 uClibc 0.9.29

1.33.1 Available under license :

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Version 2.1, February 1999

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the version number 2.1.]

Preamble

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This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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 other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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

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

When a program is linked with a library, whether statically or using

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

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

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

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

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

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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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.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices

stating that you changed the files and the date of any change.

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

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

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

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

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

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

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

these notices.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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:

```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

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

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:

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

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

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wpa_supplicant and hostapd v0.6.x

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license. Either license may be used at your option.

This package may include either wpa_supplicant, hostapd, or both. See
README file respective subdirectories (wpa_supplicant/README or
hostapd/README) for more details.

Source code files have been moved around in v0.6.x releases and
compared to earlier releases, the programs are now build by first
going to a subdirectory (wpa_supplicant or hostapd) and creating
build configuration (.config) and running 'make' there (for
Linux/BSD/cygwin builds).

1.36 zlib 1.2.1.1

1.36.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.1.1, January 9th, 2004

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