

Processing: ncurses

=====

Build path taken because: directory build, build key set, no prebuilt rpm,

```
rpmbuild --dbpath /home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rootfs//var/lib/rpm
--target arm --define '_unpackaged_files_terminate_build 0' --define '_target_cpu arm' --define
'__strip strip' --define '_topdir /home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm' --
define '_prefix /usr' --define '_tmppath /home/pgroves/workspace/RELEASE5301.orig/Eagle-
Ltib/tmp' --define '_rpmdir /home/pgroves/workspace/RELEASE5301.orig/Eagle-
Ltib/rpm/RPMS' --define '_mandir /usr/share/man' --define '_sysconfdir /etc' --define
'_localstatedir /var' -bc --short-circuit /home/pgroves/workspace/RELEASE5301.orig/Eagle-
Ltib/dist/lfs-5.1/ncurses/ncurses.spec
```

Building target platforms: arm

Building for target arm

```
Executing(%build): /bin/sh -e /home/pgroves/workspace/RELEASE5301.orig/Eagle-
Ltib/tmp/rpm-tmp.25396
```

```
+ umask 022
```

```
+ cd /home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD
```

```
+ cd ncurses-5.3
```

```
+ CFLAGS='-O2 -DPURE_TERMINFO -DSVR4_CURSES'
```

```
+ '[' arm '!=' m68knommu ']'
```

```
+ ./configure --prefix=/usr --host=arm-linux --build=i686-pc-linux-gnu --with-install-
prefix=/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/ncurses --
mandir=/usr/share/man --with-shared --without-debug --without-cxx-binding --with-build-
cc=gcc
```

Configuring NCURSES 5.4 ABI 5 (Thu Aug 29 12:18:45 BST 2024)

checking build system type... i686-pc-linux-gnu

checking host system type... arm-unknown-linux-gnu

checking target system type... arm-unknown-linux-gnu

Configuring for linux-gnu

checking for prefix... /usr

checking for arm-linux-gcc... gcc

checking for C compiler default output... a.out

checking whether the C compiler works... yes

checking whether we are cross compiling... yes

checking for executable suffix...
checking for object suffix... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking version of gcc... 1.23.0
checking how to run the C preprocessor... gcc -E
checking whether gcc needs -traditional... no
checking for POSIXized ISC... no
checking for gcc option to accept ANSI C... -DCC_HAS_PROTOS
checking if you want to ensure bool is consistent with C++... yes
checking for arm-linux-g++... g++
checking whether we are using the GNU C++ compiler... yes
checking whether g++ accepts -g... yes
checking for g++... /opt/freescale/ltib/usr/spoof/g++
checking version of g++... arm-miura-linux-gnueabi-g++ (crosstool-NG crosstool-ng-1.23.0 - 2023-01-10) 6.3.0
checking if you want to build C++ binding and demo... no
checking if you want to build with Ada95... yes
checking if you want to build programs such as tic... yes
checking if you wish to install curses.h... yes
checking for mawk... mawk
checking whether make sets \${MAKE}... yes
checking for a BSD compatible install... /usr/bin/install -c
checking for long file names... yes
checking if filesystem supports mixed-case filenames... yes
checking whether ln -s works... yes
checking for ctags... no
checking for etags... no
checking for tdlint... no
checking for lint... no
checking for alint... no

checking for man... man
checking for arm-linux-ranlib... no
checking for ranlib... ranlib
checking for arm-linux-ld... ld
checking for arm-linux-ar... ar
checking for archiver options (symbol AR_OPTS)... rv
checking for makeflags variable...
checking if you have specified an install-prefix...
/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/ncurses
checking if you want to build libraries with libtool... no
checking if you want to build shared libraries... yes
checking if you want to build static libraries... yes
checking if you want to build debug libraries... no
checking if you want to build profiling libraries... no
checking for specified models... shared normal
checking for default model... shared
checking if you want to build a separate terminfo library... no
checking if you want to link with dbmalloc for testing... no
checking if you want to link with dmalloc for testing... no
checking if you want to link with the gpm mouse library... no
checking for default loader flags...
checking if rpath option should be used... no
checking if release/abi version should be used for shared libs... auto
checking which gcc option to use... -fPIC
checking if you wish to install ncurses overwriting curses... yes
checking if external terminfo-database is used... yes
checking which terminfo source-file will be installed... \${top_srcdir}/misc/terminfo.src
checking for list of fallback descriptions...
checking for list of terminfo directories... /usr/share/terminfo
checking for default terminfo directory... /usr/share/terminfo
checking if big-core option selected... no

checking if you want termcap-fallback support... no
checking if ~/.terminfo is wanted... checking for remove... yes
checking for unlink... yes
checking for link... yes
checking for symlink... yes
checking if tic should use symbolic links... no
checking if you want broken-linker support code... no
checking for type of bool... auto
checking for type of ospeed... short
checking if tputs should process BSD-style prefix padding... no
checking if RCS identifiers should be compiled-in... no
checking format of man-pages... gzip
checking for manpage renaming... /home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/man/man_db.renames
checking if manpage aliases will be installed... yes
checking if manpage symlinks should be used... yes
checking for manpage tbl... no
checking if you want to build with function extensions... yes
checking for extended use of const keyword... no
checking if you want \$NCURSES_NO_PADDING code... yes
checking if you want SIGWINCH handler... yes
checking if you want user-definable terminal capabilities like termcap... yes
checking if you want all development code... no
checking if you want hard-tabs code... no
checking if you want to use restrict environment when running as root... yes
checking if you want limited support for xmc... no
checking if you do not want to assume colors are white-on-black... yes
checking if you want hashmap scrolling-optimization code... yes
checking if you want colorfgbg code... no
checking if you want experimental safe-sprintf code... no
checking if we must define _GNU_SOURCE... yes

checking if you want experimental wide-character code... no
checking for terminal capabilities file... Caps
checking if you want to display full commands during build... yes
checking if you want to see compiler warnings...
configure: checking for gcc __attribute__ directives...
... scanf
... printf
... unused
... noreturn
checking if you want to enable runtime assertions... no
checking whether to add trace feature to all models...
checking for gettimeofday... yes
checking if -lm needed for math functions... yes
checking for ANSI C header files... yes
checking for dirent.h that defines DIR... yes
checking for opendir in -ldir... no
checking whether time.h and sys/time.h may both be included... yes
checking for regular-expression headers... regex.h
checking for fcntl.h... yes
checking for getopt.h... yes
checking for libc.h... no
checking for limits.h... yes
checking for locale.h... yes
checking for poll.h... yes
checking for sys/bsdtypes.h... no
checking for sys/ioctl.h... yes
checking for sys/param.h... yes
checking for sys/poll.h... yes
checking for sys/select.h... yes
checking for sys/time.h... yes
checking for sys/times.h... yes

checking for ttyent.h... yes
checking for unistd.h... yes
checking for wctype.h... yes
checking if sys/time.h works with sys/select.h... yes
checking for gcc option to accept ANSI C... none needed
checking for an ANSI C-conforming const... yes
checking for inline... inline
checking if unsigned literals are legal... yes
checking for type of ctype... long
checking if external errno is declared... yes
checking if external errno exists... no
checking if data-only library module links... unknown
checking for getcwd... yes
checking for getegid... yes
checking for geteuid... yes
checking for gettynam... yes
checking for issetugid... no
checking for memccpy... yes
checking for nanosleep... yes
checking for poll... yes
checking for remove... (cached) yes
checking for select... yes
checking for setbuf... yes
checking for setbuffer... yes
checking for setvbuf... yes
checking for sigaction... yes
checking for sigvec... no
checking for strdup... yes
checking for strstr... yes
checking for tcgetpgrp... yes
checking for times... yes

checking for vsnprintf... yes
checking for isascii... yes
checking whether sigaction needs _POSIX_SOURCE... no
checking for termio.h... yes
checking for termios.h... yes
checking for unistd.h... (cached) yes
checking whether termios.h needs _POSIX_SOURCE... no
checking for tcgetattr... yes
checking for vsscanf function or workaround... vsscanf
checking for working mkstemp... checking for mkstemp... yes

configure: WARNING: cross compiling: assume setvbuf params not reversed

checking return type of signal handlers... void
checking for type sigaction_t... no
checking declaration of size-change... yes
checking for memmove... yes
checking if poll really works... unknown
checking if we should include stdbool.h... yes
checking for builtin bool type... no
checking for library stdc++... no
checking how to run the C++ preprocessor... /opt/freescale/ltib/usr/spoof/g++ -E
checking for typeinfo... yes
checking if we should include stdbool.h... (cached) yes
checking for builtin bool type... yes
checking for size of bool... unknown
configure: WARNING: Assuming unsigned for type of bool
checking for special defines needed for etip.h... MATH_H
checking if /opt/freescale/ltib/usr/spoof/g++ accepts parameter initialization... unknown
checking for strstream.h... no
checking if /opt/freescale/ltib/usr/spoof/g++ supports vscan function... stdio
checking for gnatmake... no

checking for library subsets... termlib+ext_tinfo+base+ext_funcs
checking default library suffix...
checking default library-dependency suffix... .so
checking default object directory... obj_s
checking c++ library-dependency suffix... .a
checking where we will install curses.h... \${prefix}/include
checking for src modules... ncurses progs tack panel menu form
configure: creating ./config.status
config.status: creating include/MKterm.h.awk
config.status: creating include/curses.head
config.status: creating include/termcap.h
config.status: creating include/unctrl.h
config.status: creating man/Makefile
config.status: creating include/Makefile
config.status: creating ncurses/Makefile
config.status: creating progs/Makefile
config.status: creating tack/Makefile
config.status: creating panel/Makefile
config.status: creating menu/Makefile
config.status: creating form/Makefile
config.status: creating test/Makefile
config.status: creating misc/Makefile
config.status: creating misc/run_tic.sh
config.status: creating Makefile
config.status: creating include/ncurses_cfg.h
config.status: include/ncurses_cfg.h is unchanged
Appending rules for shared model (ncurses: termlib+ext_tinfo+base+ext_funcs)
Appending rules for normal model (ncurses: termlib+ext_tinfo+base+ext_funcs)
Appending rules for shared model (progs: termlib+ext_tinfo+base+ext_funcs)
Appending rules for normal model (progs: termlib+ext_tinfo+base+ext_funcs)
Appending rules for shared model (tack: termlib+ext_tinfo+base+ext_funcs)

Appending rules for normal model (tack: termlib+ext_tinfo+base+ext_funcs)
Appending rules for shared model (panel: termlib+ext_tinfo+base+ext_funcs)
Appending rules for normal model (panel: termlib+ext_tinfo+base+ext_funcs)
Appending rules for shared model (menu: termlib+ext_tinfo+base+ext_funcs)
Appending rules for normal model (menu: termlib+ext_tinfo+base+ext_funcs)
Appending rules for shared model (form: termlib+ext_tinfo+base+ext_funcs)
Appending rules for normal model (form: termlib+ext_tinfo+base+ext_funcs)
Appending rules for shared model (test: termlib+ext_tinfo+base+ext_funcs)
Appending rules for normal model (test: termlib+ext_tinfo+base+ext_funcs)
creating headers.sh

** Configuration summary for NCURSES 5.4 20040208:

bin directory: /usr/bin

lib directory: /usr/lib

include directory: /usr/include

man directory: /usr/share/man

terminfo directory: /usr/share/terminfo

+ make -j1 'HOSTCC=ccache /usr/bin/gcc -B/usr/bin/'

cd man && make DESTDIR="/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/ncurses" all

make[1]: Entering directory '/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/man'

sh ./MKterminfo.sh ./terminfo.head ../../include/Caps ./terminfo.tail >terminfo.5

make[1]: Leaving directory '/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/man'

cd include && make DESTDIR="/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/ncurses" all

make[1]: Entering directory '/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/include'

cat curses.head >curses.h

AWK=mawk sh ./MKkey_defs.sh ./Caps >>curses.h

```
sh -c 'if test "chtype" = "cchar_t" ; then cat ./curses.wide >>curses.h ; fi'
cat ./curses.tail >>curses.h
mawk -f MKterm.h.awk ./Caps > term.h
sh ./edit_cfg.sh ../include/ncurses_cfg.h term.h
** edit: HAVE_TCGETATTR 1
** edit: HAVE_TERMIOS_H 1
** edit: HAVE_TERMIO_H 1
** edit: BROKEN_LINKER 0
make[1]: Leaving directory '/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/include'
cd ncurses && make DESTDIR="/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/ncurses" all
make[1]: Entering directory '/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/ncurses'
sh ./base/MKlib_gen.sh "gcc -E -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG" "mawk" generated <../include/curses.h | \
    fgrep undef >../include/nomacros.h
sh ./base/MKlib_gen.sh "gcc -E -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG" "mawk" generated <../include/curses.h >lib_gen.c
sh ./base/MKlib_gen.sh "gcc -E -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG" "mawk" implemented <../include/curses.h >link_test.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tty/hashmap.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_beep.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_color.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_endwin.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_flash.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/lib_gen.c
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_getstr.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_mouse.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tty/lib_mvcur.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_newterm.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_restart.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_screen.c
```

```
../ncurses/./base/lib_screen.c: In function 'getwin':
```

```
../ncurses/./base/lib_screen.c:48:5: warning: ignoring return value of 'fread', declared with attribute warn_unused_result [-Wunused-result]
```

```
(void) fread(&tmp, sizeof(WINDOW), 1, filep);  
^~~~~~
```

```
../ncurses/./base/lib_screen.c:95:6: warning: ignoring return value of 'fread', declared with attribute warn_unused_result [-Wunused-result]
```

```
(void) fread(nwin->_line[n].text,  
^~~~~~  
sizeof(NCURSES_CH_T),  
~~~~~  
(size_t) (nwin->_maxx + 1),  
~~~~~  
filep);  
~~~~~
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_set_term.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_slk.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_slkrefr.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tty/lib_vidattr.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tty/tty_update.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/lib_dft_fgbg.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tinfo/lib_print.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/resizeterm.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./base/wresize.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tinfo/alloc_entry.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/./tinfo/alloc_ttype.c
```

```
cd ../obj_s; gcc -DHAVE_CONFIG_H -I../ncurses -I. -I../include -D_GNU_SOURCE -DNDEBUG -O2 -fPIC -c ../ncurses/comp_captab.c
```

```
../ncurses/comp_captab.c: In function '_nc_get_table':
```

```
../ncurses/comp_captab.c:74:19: error: '_nc_cap_table' undeclared (first use in this function)
```

```
return termcap ? _nc_cap_table: _nc_info_table ;
```

```
^~~~~~
```

```
../ncurses/comp_captab.c:74:19: note: each undeclared identifier is reported only once for each function it appears in
```

```
../ncurses/comp_captab.c:74:34: error: '_nc_info_table' undeclared (first use in this function)
```

```
return termcap ? _nc_cap_table: _nc_info_table ;
```

```
^~~~~~
```

```
make[1]: *** [Makefile:974: ../obj_s/comp_captab.o] Error 1
```

```
make[1]: Leaving directory '/home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/rpm/BUILD/ncurses-5.3/ncurses'
```

```
make: *** [Makefile:96: all] Error 2
```

```
error: Bad exit status from /home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/rpm-tmp.25396 (%build)
```

RPM build errors:

```
Bad exit status from /home/pgroves/workspace/RELEASE5301.orig/Eagle-Ltib/tmp/rpm-tmp.25396 (%build)
```

Build time for ncurses: 9 seconds

Failed building ncurses