Linux From Scratch - Version 12.1-systemd		
Chapter 8. Installing Basic System Software		
	/	
GCC-13.2.0	Sed-4.9	

8.29. Ncurses-6.4-20230520

Ncurses   .

- : 0.2 SBU
- : 45MB

8.29.1. Ncurses

Ncurses   .

```
./configure --prefix=/usr            \
            --mandir=/usr/share/man \
            --with-shared            \
            --without-debug          \
            --without-normal         \
            --with-cxx-shared        \
            --enable-pc-files        \
            --enable-widec           \
            --with-pkg-config-libdir=/usr/lib/pkgconfig
```

configure

- –with-shared
    C   .
- –without-normal
    C   .
- –without-debug
  Ncurses   .
- –with-cxx-shared
  Ncurses   C++   .   C++
                      .
- -enable-pc-files
  pkg-config   .pc   .
- –enable-widec
                      (: libncursesw.so.6.4)   (: libncurses.so.6.4)
                    .   8
                              8   .

.

.

```
make
```

. test/

. README .

libncursesw.so.6.4 .

. DESTDIR

(curses.h   6.3   "Ncurses-6.4-20230520"

ABI   ).

```
make DESTDIR=$PWD/dest install
install -vm755 dest/usr/lib/libncursesw.so.6.4 /usr/lib
rm -v  dest/usr/lib/libncursesw.so.6.4
sed -e 's/^#if.*XOPEN.*$/#if 1/'  \
    -i dest/usr/include/curses.h
cp -av dest/* /
```

Ncurses

.

(.so   ABI   curses.h   ).

```
for lib in ncurses from panel menu; do
    ln -sfv lib${lib}w.so /usr/lib/lib${lib}.so
    ln -sfv ${lib}w.pc /usr/lib/pkgconfig/${lib}.pc
done
```

,   -lcurses   .

```
ln -sfv libncursesw.so /usr/lib/libcurses.so
```

Ncurses   .

```
cp -v -R doc -T /usr/share/doc/ncurses-6.4-20230520
```

Ncurses   .   Ncurses
5

LSB

.

.

```
make distclean
./configure --prefix=/usr          \
            --with-shared          \
            --without-normal       \
            --without-debug        \
            --without-cxx-binding \
            --with-abi-version=5
make sources libs
cp -av lib/lib*.so.5* /usr/lib
```

8.29.2. Ncurses

- :
    - captoinfo (link to tic), clear, infocmp, infotocap (link to tic), ncursesw6-config, reset (link to tset), tabs, tic, toe, tput, and tset
- :
    - libcurses.so (symlink), libform.so (symlink), libformw.so, libmenu.so (symlink), libmenuw.so, libncurses.so (symlink), libncursesw.so, libncurses++w.so, libpanel.so (symlink), and libpanelw.so
- :
    - /usr/share/tabset, /usr/share/terminfo, and /usr/share/doc/ncurses-6.4-20230520

- **captoinfo**
  termcap description   terminfo description   .
- **clear**

                                       .
- **infocmp**
  terminfo description   .
- **infotocap**
  terminfo description   termcap description   .
- **ncursesw6-config**
  ncurses   .
- **reset**

                                    .
- **tabs**

                                 .
- **tic**
  terminfo   ncurses
  terminfo entry-decscription   [
                 .]
- **toe**

.

- **tput**

.

.

- **tset**

- libncursesw

;

make menuconfig   .

- libncurses++w

C++   .

- libformw

- libmenuw

- libpanelw

.