



Linux Ubuntu 26.04 Manual Pages on command 'toe.1'

\$ man toe.1

toe(1) User commands toe(1)

NAME

toe - list table of entries of terminfo terminal types

SYNOPSIS

toe [-ahs] [-v [n]] [directory ...]

toe [-u|-U] file

toe -V

DESCRIPTION

toe reports to the standard output stream the (primary) names and descriptions of the terminal types available to the terminfo library. Each directory is scanned; if none are given, toe scans the default terminfo directory.

OPTIONS

The -h option can be helpful to observe where toe is looking for terminal descriptions.

Other options support maintainers of terminfo terminal descriptions.

-a lists entries from all terminal database directories that terminfo would search, instead of only the first that it finds.

If -s is also given, toe additionally reports, like conflict(1), which entries correspond to a given terminal database. An ?? marks entries that differ, and ?? marks equivalent entries.

Without the -s option, toe does not attempt to merge duplicates in its report.

-h writes a heading naming each directory as it is accessed.

-s sorts the output by the entry names.

-u file lists terminal type dependencies in file, a terminfo entry source or termcap data?

base file. The report summarizes the ?use? (terminfo) and tc (termcap) relations: each line comprises the primary name of a terminal type employing use/tc capabilities, a colon, a space- and tab-separated list of primary names of terminal types thus named, and a newline.

-U file lists terminal type reverse dependencies in file, a terminfo entry source or termcap database file. The report summarizes the ?use? (terminfo) and tc (termcap) reverse relations: each line comprises the primary name of a terminal type occurring in use/tc capabilities, a colon, a space- and tab-separated list of primary names of terminal types naming them thus, and a newline.

-v [n] reports verbose status information to the standard error stream, showing toe's progress.

The optional parameter n is an integer between 1 and 10 inclusive, interpreted as for tic(1). If ncurses is built without tracing support, n is ignored.

-V reports the version of ncurses associated with this program and exits with a successful status.

FILES

/etc/terminfo

compiled terminal description database

PORTABILITY

toe is not provided by other implementations. There is no applicable X/Open or POSIX standard for it.

HISTORY

toe replaces a -T option that was briefly supported by the ncurses infocmp utility in 1995.

The -a and -s options were added in 2006 and 2011, respectively.

The program's name originates with a developer's pun:

? tic,

? tac (now tack),

? toe.

EXAMPLES

When not sorting with the -s option, the -a option reports all of the names found in all of the terminal database directories named in the TERMINFO and TERMINFO_DIRS environment variables.

xterm-color generic color xterm

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xterm-xfree86  xterm terminal emulator (XFree86)

xterm-vt220    xterm emulating vt220

xterm-256color xterm with 256 colors

xterm-r6      xterm X11R6 version

xterm-r5      xterm R5 version

xterm-mono    monochrome xterm

xterm         xterm terminal emulator (X Window System)

vt220         dec vt220

vt102         dec vt102

vt100         dec vt100 (w/advanced video)

vt52          dec vt52

...

```

Use the -a and -s options together to show where each terminal description was found.

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--> /etc/terminfo

----> /lib/terminfo

-----> /usr/share/terminfo

--*---: vt100      dec vt100 (w/advanced video)

--*---: vt102      dec vt102

--*---: vt220      dec vt220

--*---: vt52       dec vt52

--*---: xterm      xterm terminal emulator (X Window System)

--*---: xterm-256color xterm with 256 colors

--*---: xterm-color  generic color xterm

--*---: xterm-mono   monochrome xterm

--*---: xterm-r5     xterm R5 version

--*---: xterm-r6     xterm X11R6 version

--*---: xterm-vt220  xterm emulating vt220

--*---: xterm-xfree86 xterm terminal emulator (XFree86)

...

```

SEE ALSO

captoinfo(1), infocmp(1), infotocap(1), tic(1), ncurses(3NCURSES), terminfo(5)