



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'toe.1m' command

\$ man toe.1m

toe(1M) toe(1M)

NAME

toe - table of (terminfo) entries

SYNOPSIS

toe [-v[n]] [-ahsuUV] file...

DESCRIPTION

With no options, toe lists all available terminal types by primary name with descriptions. File arguments specify the directories to be scanned; if no such arguments are given, your default terminfo directory is scanned. If you also specify the -h option, a directory header will be issued as each directory is entered.

There are other options intended for use by terminfo file maintainers:

-a report on all of the terminal databases which ncurses would search, rather than only the first one that it finds.

If the -s is also given, toe adds a column to the report, showing (like conflict(1)) which entries which belong to a given terminal database. An "*" marks entries which differ, and "+"

marks equivalent entries.

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

`-s` sort the output by the entry names.

`-u file`

says to write a report to the standard output, listing dependencies in the given terminfo/termcap source file. The report condenses the `?use?` relation: each line consists of the primary name of a terminal that has use capabilities, followed by a colon, followed by the whitespace-separated primary names of all terminals which occur in those use capabilities, followed by a newline

`-U file`

says to write a report to the standard output, listing reverse dependencies in the given terminfo/termcap source file. The report reverses the `?use?` relation: each line consists of the primary name of a terminal that occurs in use capabilities, followed by a colon, followed by the whitespace-separated primary names of all terminals which depend on it, followed by a newline.

`-vn` specifies that (verbose) output be written to standard error, showing `toe`'s progress.

The optional parameter `n` is a number from 1 to 10, interpreted as for `tic(1M)`. If `ncurses` is built without tracing support, the optional parameter is ignored.

`-V` reports the version of `ncurses` which was used in this program,

and exits.

EXAMPLES

Without sorting, the `-a` option reports all of the names found in all of the terminal databases found by the `TERMINFO` and `TERMINFO_DIRS` environ?

ment variables:

```
MtxOrb162    16x2 Matrix Orbital LCD display
MtxOrb204    20x4 Matrix Orbital LCD display
MtxOrb       Generic Matrix Orbital LCD display
qvt101+      qume qvt 101 PLUS product
qvt119+-25   QVT 119 PLUS with 25 data lines
qansi-g      QNX ANSI
qvt103       qume qvt 103
qnxw         QNX4 windows
qansi-w      QNX ansi for windows
qnxm         QNX4 with mouse events
qvt203-25-w  QVT 203 PLUS with 25 by 132 columns
qansi-t      QNX ansi without console writes
```

...

Use the `-a` and `-s` options together to show where each terminal descrip?

tion was found:

```
--> /usr/local/ncurses/share/terminfo
----> /usr/share/terminfo
*+~: 9term      Plan9 terminal emulator for X
*~:  Eterm      Eterm with xterm-style color support (X Window System)
*~:  Eterm-256color Eterm with xterm 256-colors
*~:  Eterm-88color Eterm with 88 colors
*+~: MtxOrb      Generic Matrix Orbital LCD display
*+~: MtxOrb162   16x2 Matrix Orbital LCD display
*+~: MtxOrb204   20x4 Matrix Orbital LCD display
```

-: NCR260VT300WPP NCR 2900_260 vt300 wide mode pc+ kybd
*+ -: aaa ann arbor ambassador/30 lines
*+ -: aaa+dec ann arbor ambassador in dec vt100 mode
*+ -: aaa+rv ann arbor ambassador in reverse video
...

FILES

/usr/share/terminfo/?/*

Compiled terminal description database.

HISTORY

This utility is not provided by other implementations. There is no relevant X/Open or POSIX standard for toe.

The program name refers to a developer's pun:

? tic,

? tac (now tack),

? toe.

It replaced a -T option which was briefly supported by the ncurses in? focmp utility in 1995.

The -a and -s options were added to toe several years later (2006 and 2011, respectively).

SEE ALSO

captoinfo(1M), infocmp(1M), infotocap(1M), tic(1M), curses(3X), ter? minfo(5).

toe(1M)