



*Full credit is given to the above companies including the OS that this PDF file was generated!*

### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'toe.1m'***

**\$ 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 new line.

`-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` environment 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 description 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).

This describes ncurses version 6.2 (patch 20210508).

toe(1M)