



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

C:\>man toe.1

toe(1) General Commands Manual toe(1)

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? rela?

tion: 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 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 progress.

The optional parameter n is a number from 1 to 10, interpreted as for tic(1). 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

/etc/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 infocmp utility in 1995.

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

SEE ALSO

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

This describes ncurses version 6.2 (patch 20200212).

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