

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** 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/misc/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

captoinfo(1M), **infocmp(1M)**, **infotocap(1M)**, **tic(1M)**, **curses(3X)**, **terminfo(5)**.

This describes **ncurses** version 6.2 (patch 20210220).