

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(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).