



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

\$ man captoinfo.1m

captoinfo(1M) captoinfo(1M)

NAME

captoinfo - convert a termcap description into a terminfo description

SYNOPSIS

captoinfo [-vn width] [-V] [-1] [-w width] file ...

DESCRIPTION

captoinfo looks in each given text file for termcap descriptions. For each one found, an equivalent terminfo description is written to standard output. Termcap tc capabilities are translated directly to terminfo use capabilities.

If no file is given, then the environment variable TERMCAP is used for the filename or entry. If TERMCAP is a full pathname to a file, only the terminal whose name is specified in the environment variable TERM is extracted from that file. If the environment variable TERMCAP is not set, then the file /usr/share/terminfo is read.

-v print out tracing information on standard error as the program runs.

-V print out the version of the program in use on standard error and exit.

-l cause the fields to print out one to a line. Otherwise, the fields will be printed several to a line to a maximum width of 60 characters.

-w change the output to width characters.

FILES

/usr/share/terminfo Compiled terminal description database.

TRANSLATIONS FROM NONSTANDARD CAPABILITIES

Some obsolete nonstandard capabilities will automatically be translated into standard (SVr4/XSI Curses) terminfo capabilities by captinfo.

Whenever one of these automatic translations is done, the program will issue an notification to stderr, inviting the user to check that it has not mistakenly translated a completely unknown and random capability and/or syntax error.

Nonstd	Std	From	Terminfo
name	name		capability
??			

BO	mr	AT&T	enter_reverse_mode
CI	vi	AT&T	cursor_invisible
CV	ve	AT&T	cursor_normal
DS	mh	AT&T	enter_dim_mode
EE	me	AT&T	exit_attribute_mode
FE	LF	AT&T	label_on
FL	LO	AT&T	label_off
XS	mk	AT&T	enter_secure_mode
EN	@7	XENIX	key_end
GE	ae	XENIX	exit_alt_charset_mode

GS as XENIX enter_alt_charset_mode
 HM kh XENIX key_home
 LD kL XENIX key_dl
 PD kN XENIX key_npage
 PN po XENIX prtr_off
 PS pf XENIX prtr_on
 PU kP XENIX key_ppage

 RT @8 XENIX kent
 UP ku XENIX kcuu1
 KA k; Tek key_f10
 KB F1 Tek key_f11
 KC F2 Tek key_f12
 KD F3 Tek key_f13
 KE F4 Tek key_f14
 KF F5 Tek key_f15
 BC Sb Tek set_background
 FC Sf Tek set_foreground
 HS mh Iris enter_dim_mode

XENIX termcap also used to have a set of extension capabilities for forms drawing, designed to take advantage of the IBM PC high-half graphics. They were as follows:

Cap Graphic

????????????????????????????????

G2 upper left
 G3 lower left
 G1 upper right
 G4 lower right
 GR pointing right
 GL pointing left
 GU pointing up

GD pointing down
GH horizontal line
GV vertical line
GC intersection
G6 upper left
G7 lower left
G5 upper right
G8 lower right
Gr tee pointing right
Gr tee pointing left
Gu tee pointing up
Gd tee pointing down
Gh horizontal line
Gv vertical line
Gc intersection
GG acs magic cookie count

If the single-line capabilities occur in an entry, they will automatically be composed into an acsc string. The double-line capabilities and GG are discarded with a warning message.

IBM's AIX has a terminfo facility descended from SVr1 terminfo but incompatible with the SVr4 format. The following AIX extensions are automatically translated:

IBM XSI
?????????????
kset kslt
kbtabs kcbt
font0 s0ds
font1 s1ds
font2 s2ds
font3 s3ds

Additionally, the AIX box1 capability will be automatically translated to an acsc string.

Hewlett-Packard's terminfo library supports two nonstandard terminfo capabilities meml (memory lock) and memu (memory unlock). These will be discarded with a warning message.

NOTES

This utility is actually a link to tic(1M), running in -l mode. You can use other tic options such as -f and -x.

The verbose option is not identical to SVr4's. Under SVr4, instead of following the -v with a trace level n, you repeat it n times.

PORTABILITY

X/Open Curses, Issue 7 (2009) describes tic briefly, but omits this program. SVr4 systems provide captinfo as a separate application from tic.

NetBSD does not provide this application.

SEE ALSO

infocmp(1M), curses(3X), terminfo(5)

This describes ncurses version 6.2 (patch 20210508).

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