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

\$ man captainfo.1

captainfo(1) General Commands Manual captainfo(1)

NAME

captainfo - convert a termcap description into a terminfo description

SYNOPSIS

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

DESCRIPTION

captainfo 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 en? try. 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 /etc/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.
- 1 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

/etc/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 captainfo. 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, de?
signed 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

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

ksel 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(1), 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(1), ncurses(3NCURSES), terminfo(5)

This describes ncurses version 6.3 (patch 20211021).

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captinfo(1)