NAME

curs_termattrs, baudrate, erasechar, has_ic, has_il, killchar, longname, termattrs, termname – curses environment query routines

SYNOPSIS

cc [*flag* ...] *file* ... –**lcurses** [*library* ..]

#include <curses.h>

int baudrate(void);

char erasechar(void);

int has_ic(void);

int has_il(void);

char killchar(void);

char *longname(void);

chtype termattrs(void);

char *termname(void);

MT-LEVEL

Unsafe

DESCRIPTION

The **baudrate( )** routine returns the output speed of the terminal. The number returned is in bits per second, for example **9600**, and is an integer.

With the **erasechar( )** routine, the user's current erase character is returned.

The **has_ic( )** routine is true if the terminal has insert- and delete-character capabilities.

The **has_il( )** routine is true if the terminal has insert- and delete-line capabilities, or can simulate them using scrolling regions. This might be used to determine if it would be appropriate to turn on physical scrolling using **scrollok( )**.

With the **killchar( )** routine, the user's current line kill character is returned.

The **longname( )** routine returns a pointer to a static area containing a verbose description of the current terminal. The maximum length of a verbose description is 128 characters. It is defined only after the call to **initscr( )** or **newterm( )**. The area is overwritten by each call to **newterm( )** and is not restored by **set_term( )**, so the value should be saved between calls to **newterm( )** if **longname( )** is going to be used with multiple terminals.

If a given terminal doesn't support a video attribute that an application program is trying to use, **curses** may substitute a different video attribute for it. The **termattrs( )** function returns a logical OR of all video attributes supported by the terminal. This information is useful when a **curses** program needs complete control over the appearance of the screen.

The **termname( )** routine returns the value of the environment variable **TERM** (truncated to 14 characters).

RETURN VALUES

longname( ) and **termname( )** return **NULL** on error.

Routines that return an integer return **ERR** upon failure and an integer value other than **ERR** upon successful completion.

SEE ALSO

curs_initscr(3X), **curs_outopts**(3X), **curses**(3X)

NOTES

The header **<curses.h>** automatically includes the headers **<stdio.h>** and **<unctrl.h>**.
Note that **termattrs( )** may be a macro.