

NAME

baudrate, **erasechar**, **erasewchar**, **has_ic**, **has_il**, **killchar**, **killwchar**, **longname**, **term_attrs**, **termattrs**, **termname** – get and set terminal attributes with *curses*

SYNOPSIS

```
#include <curses.h>

int baudrate(void);
char erasechar(void);
int erasewchar(wchar_t * wc);
bool has_ic(void);
bool has_il(void);
char killchar(void);
int killwchar(wchar_t * wc);
char * longname(void);
attr_t term_attrs(void);
chtype termattrs(void);
char * termname(void);
```

DESCRIPTION**baudrate**

baudrate returns the line speed of the terminal, an integer value measured in bits per second, for example 9600.

erasechar, erasewchar

erasechar returns the terminal's erase character.

erasewchar stores the erase character in the location referenced by *wc*. If no erase character has been defined, it fails and the location referenced by *wc* is not changed.

has_ic, has_il

has_ic returns **TRUE** if the terminal has insert- and delete-character capabilities.

has_il returns **TRUE** if the terminal has insert- and delete-line capabilities, or can simulate them using scrolling regions. It might be used to determine whether it would be appropriate to use **scrollok**(3X) to turn on scrolling.

killchar, killwchar

killchar returns the terminal's line kill character.

killwchar stores the line-kill character in the location referenced by *wc*. If no line-kill character has been defined, it fails and the location referenced by *wc* is not changed.

longname

longname returns a pointer to static storage containing a verbose description of the terminal being managed by *curses*. The maximum length of a verbose description is 128 characters. The storage is populated only after **initscr**(3X) or **newterm**(3X) is called. This storage is overwritten by each call to **newterm** and not restored by **set_term**(3X), so its contents should be saved between calls to **initscr** or **newterm** if **longname** is to be used with multiple terminals.

termattrs, term_attrs

If a given terminal does not support a video attribute that an application program is trying to use, *curses* may substitute a different video attribute for it. **termattrs** and **term_attrs** return a logical “or” of all video attributes supported by the terminal using **A_** and **WA_** constants respectively. This information is useful when a *curses* program needs complete control over the appearance of the screen.

termname

termname returns the terminal name used by **setupterm**(3X).

RETURN VALUE

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

Functions that return an integer return **ERR** upon failure and **OK** upon success.

NOTES

eraseswchar, **killwchar**, and **term_attrs** are part of *ncurses*'s wide-character API, and are not available in its non-wide-character configuration.

termattrs may be implemented as a macro.

PORTABILITY

X/Open Curses Issue 4 describes these functions.

SVr4 describes a successful return value only as “an integer value other than *ERR*”.

Most versions of *curses* truncate the string returned by *termname* to 14 characters.

HISTORY

4BSD (1980) introduced *longname*.

SVr2 (1984) added *baudrate*, *erasechar*, *killchar*, *has_ic*, and *has_il*.

SVr3 (1987) supplied *termname*. Later that year, SVr3.1 brought *termattrs*.

X/Open Curses Issue 4 (1995) specified *eraseswchar*, *killwchar*, and *term_attrs*.

SEE ALSO

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