NAME

   baudrate, **erasechar**, **erasewchar**, **has_ic**, **has_il**, **killchar**, **killwchar**, **longname**, **term_attrs**, **termattrs**, **termname** - **curses** environment query routines

SYNOPSIS

   #include <curses.h>

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

DESCRIPTION

 baudrate

   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.

 erasechar, erasewchar

   The **erasechar** routine returns the user's current erase character.

   The **erasewchar** routine stores the current erase character in the location referenced by *ch*. If no erase character has been defined, the routine fails and the location referenced by *ch* is not changed.

 has_is, has_il

   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**.

 killchar, killwchar

   The **killchar** routine returns the user's current line kill character.

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

longname

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.

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. The **termattrs** and **term_attrs** functions 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

The **termname** routine returns the terminal name used by **setupterm**.

RETURN VALUE

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

Routines that return an integer return **ERR** upon failure and **OK** (SVr4 only specifies "an integer value other than **ERR**") upon successful completion.

NOTES

Note that **termattrs** may be a macro.

PORTABILITY

The XSI Curses standard, Issue 4 describes these functions. It changes the return type of **termattrs** to the new type **attr_t**. Most versions of curses truncate the result returned by **termname** to 14 characters.

SEE ALSO

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