NAME

addchstr, **addchnstr**, **waddchstr**, **waddchnstr**, **mvaddchstr**, **mvaddchnstr**, **mvwaddchstr**, **mvwaddchnstr** - add a *curses* character string to a window

SYNOPSIS

#include <curses.h>

int addchstr(const chtype *chstr**);**
int waddchstr(WINDOW *win**, const chtype ***chstr**);**
int mvaddchstr(int *y***, int** *x***, const chtype ***chstr**);**
int mvwaddchstr(WINDOW *win**, int** *y***, int** *x***, const chtype ***chstr**);**

int addchnstr(const chtype *chstr**, int** *n***);**
int waddchnstr(WINDOW *win**, const chtype ***chstr**, int** *n***);**
int mvaddchnstr(int *y***, int** *x***, const chtype ***chstr**, int** *n***);**
int mvwaddchnstr(WINDOW *win**, int** *y***, int** *x***, const chtype ***chstr**, int** *n***);**

DESCRIPTION

These functions copy the (null-terminated) *chstr* array into the window image structure starting at the current cursor position.

The four functions with *n* as the last argument copy at most *n* elements, but no more than will fit on the line. If **n**=**-1** then the whole array is copied, to the maximum number of characters that will fit on the line.

The window cursor is *not* advanced. These functions are faster than **waddnstr**. On the other hand:

⊕   they do not perform checking (such as for the newline, backspace, or carriage return characters),

⊕   they do not advance the current cursor position,

⊕   they do not expand other control characters to **^**-escapes, and

⊕   they truncate the string if it crosses the right margin, rather than wrapping it around to the new line.

RETURN VALUE

All functions return the integer **ERR** upon failure and **OK** on success.

X/Open Curses does not specify any error conditions. This implementation returns an error

⊕   if the *win* parameter is null or

⊕   if the *wchstr* parameter is null.

Functions prefixed with "mv" first perform cursor movement and fail if the position (*y*, *x*) is outside the window boundaries.

NOTES

All functions except **waddchnstr** may be macros.

PORTABILITY

These functions are described in X/Open Curses, Issue 4.

SEE ALSO

curs_add_wchstr(3X) describes comparable functions of the *ncurses* library in its wide-character configuration (*ncursesw*).

curses(3X), **curs_addch**(3X), **curs_addstr**(3X)