NAME

addchstr, **addchnstr**, **waddchstr**, **waddchnstr**, **mvaddchstr**, **mvaddchnstr**, **mvwaddchstr**, **mvwaddchnstr** − add a string of characters (and attributes) to a **curses** window

SYNOPSIS

#include <curses.h>

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

DESCRIPTION

These routines copy *chstr* into the window image structure at and after the current cursor position. The four routines 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 string is copied, to the maximum number of characters that will fit on the line.

The window cursor is *not* advanced, and these routines work faster than **waddnstr**. On the other hand, they do not perform any kind of 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 ˆ-escapes, and they truncate the string if it crosses the right margin, rather than wrapping it around to the new line.

RETURN VALUES

All routines return the integer **ERR** upon failure and **OK** on success (the SVr4 manuals specify only "an integer value other than **ERR**") upon successful completion, unless otherwise noted in the preceding routine descriptions.

X/Open does not define any error conditions. This implementation returns an error if the window pointer is null.

Functions with a "mv" prefix first perform a cursor movement using **wmove**, and return an error if the position is outside the window, or if the window pointer is null.

NOTES

Note that all routines except **waddchnstr** may be macros.

PORTABILITY

These entry points are described in the XSI Curses standard, Issue 4.

SEE ALSO

ncurses(3NCURSES).

Comparable functions in the wide-character (ncursesw) library are described in **add_wchstr**(3NCURSES).