NAME

ctermid − generate file name for terminal

SYNOPSIS

#include <stdio.h>

char *ctermid (s)
char *s;

DESCRIPTION

Ctermid generates a string that refers to the controlling terminal for the current process when used as a file name.

If (int) *s* is zero, the string is stored in an internal static area, the contents of which are overwritten at the next call to *ctermid*, and the address of which is returned. If (int) *s* is nonzero, then *s* is assumed to point to a character array of at least **L_ctermid** elements; the string is placed in this array and the value of *s* is returned.

NOTES

The difference between *ctermid* and *ttyname* is that *ttyname* must be handed a file descriptor, and returns the actual name of the terminal associated with that file descriptor, where *ctermid* returns a magic string (**/dev/ln**) that will refer to the terminal if used as a file name. Thus *ttyname* is useless unless the process already has at least one file open to a terminal.

SEE ALSO

ttyname(3C)