NAME

ctermid - generate terminal pathname

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <stdio.h>

*char *
ctermid(*char *buf*);

*char *
ctermid_r(*char *buf*);

DESCRIPTION

The **ctermid**() function generates a string, that, when used as a pathname, refers to the current controlling terminal of the calling process.

If *buf* is the NULL pointer, a pointer to a static area is returned. Otherwise, the pathname is copied into the memory referenced by *buf*. The argument *buf* is assumed to be at least L_ctermid (as defined in the include file <*stdio.h*>) bytes long.

The **ctermid_r**() function provides the same functionality as **ctermid**() except that if *buf* is a NULL pointer, NULL is returned.

If no suitable lookup of the controlling terminal name can be performed, this implementation returns '/dev/tty'.

RETURN VALUES

Upon successful completion, a non-NULL pointer is returned. Otherwise, a NULL pointer is returned and the global variable *errno* is set to indicate the error.

ERRORS

The current implementation detects no error conditions.

SEE ALSO

ttyname(3)

STANDARDS

The **ctermid**() function conforms to IEEE Std 1003.1-1988 ("POSIX.1").

BUGS

By default the **ctermid**() function writes all information to an internal static object. Subsequent calls to **ctermid**() will modify the same object.