

NAME

tty – controlling terminal

DESCRIPTION

The file */dev/tty* is a character file with major number 5 and minor number 0, usually of mode 0666 and owner.group root.tty. It is a synonym for the controlling terminal of a process, if any.

In addition to the **ioctl**(2) requests supported by the device that **tty** refers to, the **ioctl**(2) request **TIOCNOTTY** is supported.

TIOCNOTTY

Detach the calling process from its controlling terminal.

If the process is the session leader, then **SIGHUP** and **SIGCONT** signals are sent to the foreground process group and all processes in the current session lose their controlling tty.

This **ioctl**(2) call only works on file descriptors connected to */dev/tty*. It is used by daemon processes when they are invoked by a user at a terminal. The process attempts to open */dev/tty*. If the open succeeds, it detaches itself from the terminal by using **TIOCNOTTY**, while if the open fails, it is obviously not attached to a terminal and does not need to detach itself.

FILES

/dev/tty

SEE ALSO

chown(1), **mknod**(1), **ioctl**(2), **termios**(3), **console**(4), **tty_ioctl**(4), **ttyS**(4), **agetty**(8), **mingetty**(8)

COLOPHON

This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://www.kernel.org/doc/man-pages/>.