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Rocky Enterprise Linux 9.2 Manual Pages on command 'tty.4'

\$ man tty.4

TTY(4) Linux Programmer's Manual TTY(4)

NAME

 tty - controlling terminal

DESCRIPTION

The file `/dev/tty` is a character file with major number 5 and minor number 0, usually with mode 0666 and ownership `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 works only 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)`, `ioctl_console(2)`, `ioctl_tty(2)`, `termios(3)`, `ttyS(4)`, `vcs(4)`,

pty(7), agetty(8), mingetty(8)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

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