



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

C:\>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

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