

NAME

slattach - attach a network interface to a serial line

SYNOPSIS

slattach [-dehlLmnqy] [-c **command**] [-p **proto**] [-s **speed**] [**tty**]

DESCRIPTION

Slattach is a tiny little program that can be used to put a normal terminal ("serial") line into one of several "network" modes, thus allowing you to use it for point-to-point links to other computers.

OPTIONS

tty Path to a serial device like */dev/ttyS**, */dev/cua** or */dev/ptmx* to spawn a new pseudo tty.

[-c **command]**

Execute **command** when the line is hung up. This can be used to run scripts or re-establish connections when a link goes down.

[-d] Enable debugging output. Useful when determining why a given setup doesn't work.

[-h] Exit when the carrier is lost. This works on both */dev/tty* and */dev/cua* devices by directly monitoring the carrier status every 15 seconds.

[-v] Enable verbose output. Useful in shell scripts.

[-q] Operate in quiet mode - no messages at all.

[-l] Create an UUCP-style lockfile for the device in */var/lock*.

[-n] Equivalent to the "mesg n" command.

[-m] Do **not** initialize the line into 8 bits raw mode.

[-e] Exit right after initializing device, instead of waiting for the line to hang up.

[-L] Enable 3 wire operation. The terminal is moved into CLOCAL mode, carrier watching is disabled.

[-p **proto]**

Set a specific kind of protocol to use on the line. The default is set to **cslip**, i.e. compressed SLIP. Other possible values are **slip** (normal SLIP), **adaptive** (adaptive CSLIP/SLIP), **ppp** (Point-to-Point Protocol) and **kiss** (a protocol used for communicating with AX.25 packet radio terminal node controllers). The special argument **tty** can be used to put the device back into normal serial operation. Using 'ppp' mode is not normally useful as ppp requires an additional ppp daemon **pppd** to be active on the line. For kiss connections the **axattach** program should be used.

[-s **speed]**

Set a specific line speed, other than the default.

If no arguments are given, the current terminal line (usually: the login device) is used. Otherwise, an attempt is made to claim the indicated terminal port, lock it, and open it.

FILES

*/dev/cua** */var/lock/LCK.** */dev/ttyS** */dev/ptmx*

BUGS

None known.

SEE ALSO

axattach(8), dip(8) pppd(8), slplogin(8)

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