NAME

sttydefs – maintain line settings and hunt sequences for TTY ports

SYNOPSIS

/usr/sbin/sttydefs –**a** *ttylabel* [–**b**] [–**f** *final-flags*] [–**i** *initial-flags*] [–**n** *nextlabel*]
/usr/sbin/sttydefs –**l** [*ttylabel*]
/usr/sbin/sttydefs –**r** *ttylabel*

AVAILABILITY

SUNWcsu

DESCRIPTION

sttydefs is an administrative command that maintains the line settings and hunt sequences for the system's TTY ports by making entries in, and deleting entries from the **/etc/ttydefs** file.

sttydefs with a –**a** or –**r** option may be invoked only by the super-user. **sttydefs** with –**l** may be invoked by any user on the system.

OPTIONS

–**a** *ttylabel* Add a record to the **ttydefs** file, using *ttylabel* as its label. The following describes the effect of the –**b**, –**n**, –**i**, or –**f** options when used in conjunction with the –**a** option:

–**b** Enable autobaud. Autobaud allows the system to set the line speed of a given TTY port to the line speed of the device connected to the port without the user's intervention.

–**f** *final-flags* Specify the value to be used in the *final-flags* field in **/etc/ttydefs**. *final-flags* must be in a format recognized by the **stty** command. *final-flags* are the **termio**(7I) settings used by **ttymon** after receiving a successful connection request and immediately before invoking the service on the port. If this option is not specified, **sttydefs** will set *final-flags* equal to the **termio**(7I) flags **9600** and **sane**.

–**i** *initial-flags* Specify the value to be used in the *initial-flags* field in **/etc/ttydefs**. *initial-flags* must be in a format recognized by the **stty** command. These flags are used by **ttymon** when searching for the correct baud rate. They are set prior to writing the prompt.

If this option is not specified, **sttydefs** will set *initial-flags* equal to the **termio**(7I) flag **9600**.

–**n** *nextlabel* Specify the value to be used in the *nextlabel* field in **/etc/ttydefs**. If this option is not specified, **sttydefs** will set *nextlabel* equal to *ttylabel*.

–**l** If a *ttylabel* is specified, **sttydefs** displays the record from **/etc/ttydefs** whose TTY label matches the specified *ttylabel*. If no *ttylabel* is specified, **sttydefs** displays the entire contents of **/etc/ttydefs**. **sttydefs** verifies that each entry it displays is correct and that the entry's *nextlabel* field references an existing

–**r** *ttylabel* Remove any record in the **ttydefs** file that has *ttylabel* as its label.

OUTPUT

If successful, **sttydefs** will exit with a status of **0**. **sttydefs –l** will generate the requested information and send it to standard output.

EXAMPLES

The following command lists all the entries in the **ttydefs** file and prints an error message for each invalid entry that is detected.

example# sttydefs –l

The following shows a command that requests information for a single label and its output:

```
example# sttydefs –l 9600

------------------------------------------------------------------
9600:9600 hupcl erase ^h:9600 sane ixany tab3 hupcl erase ^h::4800
------------------------------------------------------------------

ttylabel:         9600
initial flags:    9600 hupcl erase ^h
final flags:      9600 sane ixany tab3 hupcl erase ^h
autobaud:         no
nextlabel:        4800
```

The following sequence of commands will add the labels **1200**, **2400**, **4800**, and **9600** and put them in a circular list:

```
sttydefs –a 1200 –n 2400 –i 1200 –f "1200 sane"
sttydefs –a 2400 –n 4800 –i 2400 –f "2400 sane"
sttydefs –a 4800 –n 9600 –i 4800 –f "4800 sane"
sttydefs –a 9600 –n 1200 –i 9600 –f "9600 sane"
```

FILES

/etc/ttydefs

SEE ALSO

termio(7I)