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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'cfsetospeed.3p' command

\$ man cfsetospeed.3p

CFSETOSPEED(3P) POSIX Programmer's Manual CFSETOSPEED(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

cfsetospeed ? set output baud rate

SYNOPSIS

```
#include <termios.h>

int cfsetospeed(struct termios *termios_p, speed_t speed);
```

DESCRIPTION

The cfsetospeed() function shall set the output baud rate stored in the structure pointed to by termios_p to speed.

There shall be no effect on the baud rates set in the hardware until a subsequent successful call to tcsetattr() with the same termios structure. Similarly, errors resulting from attempts to set baud rates not supported by the terminal device need not be detected until the tcsetattr() function is called.

RETURN VALUE

Upon successful completion, cfsetospeed() shall return 0; otherwise, it shall return -1 and errno may be set to indicate the error.

ERRORS

The `cfsetospeed()` function may fail if:

EINVAL The speed value is not a valid baud rate.

EINVAL The value of speed is outside the range of possible speed values as specified in `<termios.h>`.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

Refer to `cfgetispeed()`.

FUTURE DIRECTIONS

None.

SEE ALSO

`cfgetispeed()`, `cfgetospeed()`, `cfsetispeed()`, `tcsetattr()`

The Base Definitions volume of POSIX.1?2017, Chapter 11, General Terminal Interface, `<termios.h>`

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