



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tcsendbreak.3p' command***

***\$ man tcsendbreak.3p***

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

tcsendbreak ? send a break for a specific duration

### SYNOPSIS

```
#include <termios.h>

int tcsendbreak(int fildes, int duration);
```

### DESCRIPTION

If the terminal is using asynchronous serial data transmission, tcsendbreak() shall cause transmission of a continuous stream of zero-valued bits for a specific duration. If duration is 0, it shall cause transmission of zero-valued bits for at least 0.25 seconds, and not more than 0.5 seconds. If duration is not 0, it shall send zero-valued bits for an implementation-defined period of time.

The fildes argument is an open file descriptor associated with a terminal.

If the terminal is not using asynchronous serial data transmission, it is implementation-defined whether tcsendbreak() sends data to generate a break condition or returns without taking any action.

Attempts to use `tcsendbreak()` from a process which is a member of a background process group on a filedes associated with its controlling terminal shall cause the process group to be sent a SIGTTOU signal. If the calling thread is blocking SIGTTOU signals or the process is ignoring SIGTTOU signals, the process shall be allowed to perform the operation, and no signal is sent.

## RETURN VALUE

Upon successful completion, 0 shall be returned. Otherwise, -1 shall be returned and `errno` set to indicate the error.

## ERRORS

The `tcsendbreak()` function shall fail if:

**EBADF** The `filedes` argument is not a valid file descriptor.

**EIO** The process group of the writing process is orphaned, the calling thread is not blocking SIGTTOU, and the process is not ignoring SIGTTOU.

**ENOTTY** The file associated with `filedes` is not a terminal.

The following sections are informative.

## EXAMPLES

None.

## APPLICATION USAGE

None.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

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

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