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

**\$ man tcdrain.3p**

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

tcdrain ? wait for transmission of output

### SYNOPSIS

```
#include <termios.h>

int tcdrain(int fildes);
```

### DESCRIPTION

The tcdrain() function shall block until all output written to the object referred to by fildes is transmitted. The fildes argument is an open file descriptor associated with a terminal.

Any attempts to use tcdrain() from a process which is a member of a background process group on a fildes 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 tcdrain() function shall fail if:

EBADF The fildes argument is not a valid file descriptor.

EINTR A signal interrupted tcdrain().

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 fildes is not a terminal.

The following sections are informative.

## EXAMPLES

None.

## APPLICATION USAGE

None.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

tcflush()

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

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