



Linux Ubuntu 26.04 Manual Pages on command 'pthread_kill.3'

\$ man pthread_kill.3

pthread_kill(3) Library Functions Manual pthread_kill(3)

NAME _____

pthread_kill - send a signal to a thread

LIBRARY

POSIX threads library (libpthread, -lpthread)

SYNOPSIS

```
#include <signal.h>
```

```
int pthread_kill(pthread_t thread, int sig);
```

Feature Test Macro Requirements for glibc (see `feature_test_macros(7)`):

pthread_kill():

POSIX C SOURCE >= 199506L || XOPEN SOURCE >= 500

DESCRIPTION

The `pthread_kill()` function sends the signal `sig` to `thread`, a thread in the same process as the caller. The signal is asynchronously directed to `thread`.

If sig is 0, then no signal is sent, but error checking is still performed.

RETURN VALUE

On success, `pthread_kill()` returns 0; on error, it returns an error number, and no signal is sent.

ERRORS

EINVAL An invalid signal was specified.

ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

[illegible]

[illegible]