

NAME

pthread_kill - send a signal to a specified thread

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

```
#include <pthread.h>
```

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

int

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

DESCRIPTION

The **pthread_kill()** function sends a signal, specified by *sig*, to a thread, specified by *thread*. If *sig* is 0, error checking is performed, but no signal is actually sent.

RETURN VALUES

If successful, **pthread_kill()** returns 0. Otherwise, an error number is returned.

ERRORS

The **pthread_kill()** function will fail if:

[ESRCH] *thread* is an invalid thread ID.

[EINVAL] *sig* is an invalid or unsupported signal number.

SEE ALSO

kill(2), pthread_self(3), raise(3)

STANDARDS

The **pthread_kill()** function conforms to ISO/IEC 9945-1:1996 ("POSIX.1")