

NAME

pthread_testcancel - request delivery of any pending cancellation request

SYNOPSIS

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

```
void pthread_testcancel(void);
```

Compile and link with *-pthread*.

DESCRIPTION

Calling **pthread_testcancel()** creates a cancellation point within the calling thread, so that a thread that is otherwise executing code that contains no cancellation points will respond to a cancellation request.

If cancelability is disabled (using [pthread_setcancelstate\(3\)](#)), or no cancellation request is pending, then a call to **pthread_testcancel()** has no effect.

RETURN VALUE

This function does not return a value. If the calling thread is canceled as a consequence of a call to this function, then the function does not return.

ERRORS

This function always succeeds.

ATTRIBUTES

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

Interface	Attribute	Value
pthread_testcancel()	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

EXAMPLE

See [pthread_cleanup_push\(3\)](#).

SEE ALSO

[pthread_cancel\(3\)](#), [pthread_cleanup_push\(3\)](#), [pthread_setcancelstate\(3\)](#), [pthreads\(7\)](#)

COLOPHON

This page is part of release 4.10 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.