

NAME

pthread_testcancel – request delivery of any pending cancellation request

LIBRARY

POSIX threads library (*libpthread*, *-lpthread*)

SYNOPSIS

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

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

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

STANDARDS

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

EXAMPLES

See **pthread_cleanup_push(3)**.

SEE ALSO

pthread_cancel(3), **pthread_cleanup_push(3)**, **pthread_setcancelstate(3)**, **pthreads(7)**