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
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