



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'pthread\_testcancel.3' command***

### ***\$ man pthread\_testcancel.3***

PTHREAD\_TESTCANCEL(3)    Linux Programmer's Manual    PTHREAD\_TESTCANCEL(3)

#### 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 at?

tributes(7).

??

?Interface        ? Attribute    ? Value    ?

??

?pthread\_testcancel() ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

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)

## COLOPHON

This page is part of release 5.10 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/>.

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