



## Rocky Enterprise Linux 9.2 Manual Pages on command 'pthread\_testcancel.3'

C:\>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 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 5.05 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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