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Rocky Enterprise Linux 9.2 Manual Pages on command 'pthread_testcancel.3'

\$ 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)`.

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?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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