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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 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/>.