



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'pthread_equal.3' command

\$ man pthread_equal.3

PTHREAD_EQUAL(3) Linux Programmer's Manual PTHREAD_EQUAL(3)

NAME

pthread_equal - compare thread IDs

SYNOPSIS

```
#include <pthread.h>

int pthread_equal(pthread_t t1, pthread_t t2);

Compile and link with -pthread.
```

DESCRIPTION

The pthread_equal() function compares two thread identifiers.

RETURN VALUE

If the two thread IDs are equal, pthread_equal() returns a nonzero value; otherwise, it returns 0.

ERRORS

This function always succeeds.

ATTRIBUTES

For an explanation of the terms used in this section, see at?

tributes(7).

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?Interface ? Attribute ? Value ?

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?pthread_equal() ? Thread safety ? MT-Safe ?

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CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

NOTES

The `pthread_equal()` function is necessary because thread IDs should be considered opaque: there is no portable way for applications to directly compare two `pthread_t` values.

SEE ALSO

`pthread_create(3)`, `pthread_self(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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