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

$ man pthread_mutexattr_init.3

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

NAME

    pthread_mutexattr_init, pthread_mutexattr_destroy - initialize and de?

    stroy a mutex attributes object

SYNOPSIS

    #include <pthread.h>

    int pthread_mutexattr_init(pthread_mutexattr_t *attr);

    int pthread_mutexattr_destroy(pthread_mutexattr_t *attr);

    Compile and link with -pthread.

DESCRIPTION

    The pthread_mutexattr_init() function initializes the mutex attributes

    object pointed to by attr with default values for all attributes de?

    fined by the implementation.

    The results of initializing an already initialized mutex attributes ob?

    ject are undefined.

    The pthread_mutexattr_destroy() function destroys a mutex attribute ob?

    ject (making it uninitialized). Once a mutex attributes object has

    been destroyed, it can be reinitialized with pthread_mutexattr_init().

The results of destroying an uninitialized mutex attributes object are
undefined.

RETURN VALUE

On success, these functions return 0. On error, they return a positive
error number.

CONFORMING TO

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

NOTES

Subsequent changes to a mutex attributes object do not affect mutex
that have already been initialized using that object.

SEE ALSO

pthread_mutex_init(3), pthread_mutexattr_getpshared(3),
pthread_mutexattr_getrobust(3), pthreads(7)

COLOPHON

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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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