

NAME

rwmtx_wrlock - acquire a write lock

SYNOPSIS

library "threads"

#include <threadse.h>

int

rwmtx_wrlock(*rwmtx_t* **rw*);

DESCRIPTION

The function **rwmtx_wrlock**() will acquire a write lock on the given read/write lock *rw*. If a read lock is acquired on the lock, the thread will be stalled until the write lock can be acquired.

RETURN VALUES

Upon success **rwmtx_wrlock**() will return *thrd_success*. In case of error *thrd_error* will be returned.

SEE ALSO

[rwmtx_init\(3\)](#) [rwmtx_destroy\(3\)](#) [rwmtx_rdlock\(3\)](#) [rwmtx_trywrlock\(3\)](#) [rwmtx_trywrlock\(3\)](#)
[rwmtx_timedwrlock\(3\)](#) [rwmtx_timedwrlock\(3\)](#) [rwmtx_unlock\(3\)](#)

HISTORY

The **rwmtx_wrlock**() function first appeared in the Adelsbach Enhanced Threading Library.

AUTHORS

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