

NAME

rwmtx_timedwrlock - attempt to acquire a read-write lock with timeout

SYNOPSIS

library "threads"

#include <threadse.h>

int

rwmtx_timedwrlock(*rwmtx_t *rw, const struct timespec *ts*);

DESCRIPTION

The function **rwmtx_timedwrlock**() will acquire a timed read-write lock on the given *rw*. If the lock can not be acquired at this time the function will wait up to time time specified by *ts* before giving up.

RETURN VALUES

Upon success **rwmtx_timedwrlock**() will return *thrd_success* if the lock could not be acquired in time *thrd_timeout* will be returned. In case of error *thrd_error* will be returned.

SEE ALSO

rwmtx_init(3) rwmtx_destroy(3) rwmtx_wrlock(3) rwmtx_rdlock(3) rwmtx_trywrlock(3)
rwmtx_trywrlock(3) rwmtx_timedrdlock(3) rwmtx_unlock(3)

HISTORY

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

AUTHORS

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