

NAME

pthread_rwlockattr_init - initialize a read/write lock

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

```
#include <pthread.h>
```

int

```
pthread_rwlockattr_init(pthread_rwlockattr_t *attr);
```

DESCRIPTION

The **pthread_rwlockattr_init()** function is used to initialize a read/write lock attributes object.

RETURN VALUES

If successful, the **pthread_rwlockattr_init()** function will return zero. Otherwise an error number will be returned to indicate the error.

ERRORS

The **pthread_rwlockattr_init()** function will fail if:

[ENOMEM] Insufficient memory exists to initialize the attribute object.

SEE ALSO

pthread_rwlock_init(3), pthread_rwlockattr_destroy(3), pthread_rwlockattr_getpshared(3),
pthread_rwlockattr_setpshared(3)

STANDARDS

The **pthread_rwlockattr_init()** function is expected to conform to Version 2 of the Single UNIX Specification ("SUSv2").

HISTORY

The **pthread_rwlockattr_init()** function first appeared in FreeBSD 3.0.