

**NAME**

**smtx\_init** - initialize a spinlock

**SYNOPSIS**

library "threads"

**#include <threadse.h>**

*int*

**smtx\_init**(*smtx\_t* \*s, *int* type);

**DESCRIPTION**

The function **smtx\_init**() initializes a spinlock with the given *type*.

The *type* argument can be either of

*smtx\_private*

the spinlock is not shared among child processes.

*smtx\_shared*

the spinlock is shared among child processes.

**RETURN VALUES**

Upon success **smtx\_init**() returns *thrd\_success*, otherwise *thrd\_error* will be returned.

**SEE ALSO**

smtx\_destroy(3) smtx\_lock(3) smtx\_trylock(3) smtx\_unlock(3)

**HISTORY**

The **smtx\_init**() function first appeared in the Adelsbach Enhanced Threading Library.

**AUTHORS**

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