

**NAME**

**smtx\_trylock** - attempt to acquire a spinlock

**SYNOPSIS**

library "threads"

**#include** <threadse.h>

*int*

**smtx\_trylock**(*smtx\_t* \*s);

**DESCRIPTION**

The function **smtx\_trylock**() will attempt to acquire a spinlock *s*. If the lock cannot be acquired the function will return a respective return code.

**RETURN VALUES**

Upon success **smtx\_trylock**() will return *thrd\_success* if the lock has been acquired. If the lock is already acquired *thrd\_busy* will be returned. In case of error *thrd\_error* will be returned.

**SEE ALSO**

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

**HISTORY**

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

**AUTHORS**

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