

NAME

bar_init - initialize thread barrier

SYNOPSIS

library "threads"

#include <threadse.h>

int

bar_init(*bar_t* **barrier*, *int* *type*, *unsigned* *count*);

DESCRIPTION

The function **bar_init**() initializes a thread barrier of the given *type* as specified below and the amount of threads that need to call **bar_wait**(3) before the barrier will be released *count*.

The *type* argument can be either of

bar_private

the barrier is not shared among child processes.

bar_shared

the barrier is shared among child processes.

RETURN VALUES

Upon success **bar_init**() returns *thrd_success*, otherwise *thrd_error* will be returned.

SEE ALSO

bar_destroy(3) **bar_wait**(3)

HISTORY

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

AUTHORS

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