

NAME

thrd_exit - terminate a thread

SYNOPSIS

library "threads"

#include <threads.h>

void

thrd_exit(*int code*);

DESCRIPTION

The function **thrd_exit**() will terminate the current thread with an arbitrary exit code *code* that any waiting threads can retrieve using **thrd_join**(3).

The thread will call any destructors for thread-local storage that have been set using **tss_create**(3) whilst blocking signals.

If the subroutine of a thread returns **thrd_exit**() will be implicitly called and the status code will be set to the return value of the thread function.

RETURN VALUES

The function **thrd_exit**() does not return.

SEE ALSO

thrd_create(3) **thrd_sleep**(3) **thrd_yield**(3) **thrd_equal**(3) **thrd_detach**(3) **thrd_current**(3) **thrd_join**(3)

HISTORY

The **thrd_exit**() function first appeared in the C11 standard ISO/IEC 9899:2011.

AUTHORS

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