

NAME

thr_exit - terminate current thread

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

```
#include <sys/thr.h>
```

```
void
```

```
thr_exit(long *state);
```

DESCRIPTION

This function is intended for implementing threading. Normal applications should call pthread_exit(3) instead.

The **thr_exit()** system call terminates the current kernel-scheduled thread.

If the *state* argument is not NULL, the location pointed to by the argument is updated with an arbitrary non-zero value, and an _umtx_op(2) UMTX_OP_WAKE operation is consequently performed on the location.

Attempts to terminate the last thread in the process are silently ignored. Use _exit(2) syscall to terminate the process.

RETURN VALUES

The function does not return a value. A return from the function indicates that the calling thread was the last one in the process.

SEE ALSO

_exit(2), _umtx_op(2), thr_kill(2), thr_kill2(2), thr_new(2), thr_self(2), thr_set_name(2), pthread_exit(3)

STANDARDS

The **thr_exit()** system call is non-standard and is used by 1:1 Threading Library (libthr, -lthr) to implement IEEE Std 1003.1-2001 ("POSIX.1") pthread(3) functionality.

HISTORY

The **thr_exit()** system call first appeared in FreeBSD 5.2.