

NAME

thread_exit - abandon current thread context

SYNOPSIS

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

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

```
void
```

```
thread_exit(void);
```

DESCRIPTION

The **thread_exit()** function implements the machine independent prelude to a thread shutdown. It will not return, and will result in a call to **mi_switch(9)** to schedule some other thread.

thread_exit() arranges to free all the resources of the thread, specifically the kernel stack.

To protect the runqueue(9), **thread_exit()** must be called with the *sched_lock* mutex held.

SEE ALSO

mi_switch(9), **mutex(9)**, **runqueue(9)**, **sleep(9)**