

NAME

pthread_cleanup_pop - call the first cleanup routine

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

```
#include <pthread.h>
```

void

```
pthread_cleanup_pop(int execute);
```

DESCRIPTION

The **pthread_cleanup_pop**() function pops the top cleanup routine off of the current threads cleanup routine stack, and, if *execute* is non-zero, it will execute the function. If there is no cleanup routine then **pthread_cleanup_pop**() does nothing.

The **pthread_cleanup_pop**() function is implemented as a macro that closes a block. Invocations of this function must appear as standalone statements that are paired with an earlier call of **pthread_cleanup_push**(3) in the same lexical scope.

RETURN VALUES

The **pthread_cleanup_pop**() function does not return any value.

ERRORS

None

SEE ALSO

pthread_cleanup_push(3), **pthread_exit**(3)

STANDARDS

The **pthread_cleanup_pop**() function conforms to ISO/IEC 9945-1:1996 ("POSIX.1").