NAME

pthread_getspecific - get a thread-specific data value

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

#include <pthread.h>

*void ***
pthread_getspecific(*pthread_key_t key*);

DESCRIPTION

The **pthread_getspecific**() function returns the value currently bound to the specified *key* on behalf of the calling thread.

The effect of calling **pthread_getspecific**() with a *key* value not obtained from **pthread_key_create**() or after *key* has been deleted with **pthread_key_delete**() is undefined.

The **pthread_getspecific**() function may be called from a thread-specific data destructor function. A call to **pthread_getspecific**() for the thread-specific data key being destroyed returns the value NULL, unless the value is changed (after the destructor starts) by a call to **pthread_setspecific**().

RETURN VALUES

The **pthread_getspecific**() function will return the thread-specific data value associated with the given *key*. If no thread-specific data value is associated with *key*, then the value NULL is returned.

ERRORS

None.

SEE ALSO

pthread_key_create(3), pthread_key_delete(3), pthread_setspecific(3)

STANDARDS

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