



Linux Ubuntu 26.04 Manual Pages on command 'pthread_attr_setstacksize.3'

\$ man pthread_attr_setstacksize.3

pthread_attr_setstacksize(3) Library Functions Manual pthread_attr_setstacksize(3)

NAME

pthread_attr_setstacksize, pthread_attr_getstacksize - set/get stack size attribute in thread attributes object

LIBRARY

POSIX threads library (libpthread, -lpthread)

SYNOPSIS

```
#include <pthread.h>

int pthread_attr_setstacksize(pthread_attr_t *attr, size_t stacksize);

int pthread_attr_getstacksize(const pthread_attr_t *restrict attr,
                             size_t *restrict stacksize);
```

DESCRIPTION

The pthread_attr_setstacksize() function sets the stack size attribute of the thread attributes object referred to by attr to the value specified in stacksize.

The stack size attribute determines the minimum size (in bytes) that will be allocated for threads created using the thread attributes object attr.

The pthread_attr_getstacksize() function returns the stack size attribute of the thread attributes object referred to by attr in the buffer pointed to by stacksize.

RETURN VALUE

On success, these functions return 0; on error, they return a nonzero error number.

ERRORS

pthread_attr_setstacksize() can fail with the following error:

EINVAL The stack size is less than PTHREAD_STACK_MIN (16384) bytes.

