

NAME

pthread_mutexattr_getkind_np, **pthread_mutexattr_setkind_np** - mutex attribute operations (legacy)

LIBRARY

POSIX Threads Library (libpthread, -lpthread)

SYNOPSIS

```
#include <pthread_np.h>
```

int

```
pthread_mutexattr_getkind_np(pthread_mutexattr_t attr);
```

int

```
pthread_mutexattr_setkind_np(pthread_mutexattr_t *attr, int kind);
```

DESCRIPTION

These functions are deprecated and non-portable implementation of the mutex type manipulation.

It is recommended to use the `pthread_mutexattr_gettype(3)` and `pthread_mutexattr_settype(3)` functions instead.

RETURN VALUES

The `pthread_mutexattr_getkind_np()` function returns a positive value representing the "kind" of the mutex attribute *attr* if successful; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

The `pthread_mutexattr_setkind_np()` function returns the value 0 if successful; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS

The `pthread_mutexattr_getkind_np()` and `pthread_mutexattr_setkind_np()` functions will fail if:

[EINVAL] The value specified by *attr* is invalid.

SEE ALSO

`pthread_mutex_destroy(3)`, `pthread_mutex_init(3)`, `pthread_mutexattr_gettype(3)`,
`pthread_mutexattr_settype(3)`, `pthread_np(3)`