

NAME

sem_unlink – remove a named semaphore

LIBRARY

POSIX threads library (*libpthread*, *-lpthread*)

SYNOPSIS

```
#include <semaphore.h>
```

```
int sem_unlink(const char *name);
```

DESCRIPTION

sem_unlink() removes the named semaphore referred to by *name*. The semaphore name is removed immediately. The semaphore is destroyed once all other processes that have the semaphore open close it.

RETURN VALUE

On success **sem_unlink()** returns 0; on error, -1 is returned, with *errno* set to indicate the error.

ERRORS**EACCES**

The caller does not have permission to unlink this semaphore.

ENAMETOOLONG

name was too long.

ENOENT

There is no semaphore with the given *name*.

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes(7)**.

Interface	Attribute	Value
sem_unlink()	Thread safety	MT-Safe

STANDARDS

POSIX.1-2001, POSIX.1-2008.

SEE ALSO

sem_getvalue(3), **sem_open(3)**, **sem_post(3)**, **sem_wait(3)**, **sem_overview(7)**