



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

\$ man sem unlink.3

sem_unlink(3) Library Functions Manual sem_unlink(3)

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)`.

[illegible]

