

NAME

`sem_unlink` – remove a named semaphore

SYNOPSIS

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

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

Link with `-pthread`.

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
<code>sem_unlink()</code>	Thread safety	MT-Safe

CONFORMING TO

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

SEE ALSO

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

COLOPHON

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