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

\$ man sem close.3

sem_close(3) Library Functions Manual sem_close(3)

NAME _____

sem close - close a named semaphore

LIBRARY

POSIX threads library (libpthread, -lpthread)

SYNOPSIS

```
#include <semaphore.h>

int sem_close(sem_t *sem);
```

DESCRIPTION

`sem_close()` closes the named semaphore referred to by `sem`, allowing any resources that the system has allocated to the calling process for this semaphore to be freed.

RETURN VALUE

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

ERRORS

EINVAL sem is not a valid semaphore.

ATTRIBUTES

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

[illegible]

Interface	Attribute	Value
...	...	...

[illegible]

? sem_close() ? Thread safety ? MT-Safe ?

[illegible]

STANDARDS

POSIX.1-2008.

HISTORY

POSIX.1-2001.

NOTES

All open named semaphores are automatically closed on process termination, or upon `execve(2)`.

SEE ALSO

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

Linux man-pages 6.17

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`sem_close(3)`