



Rocky Enterprise Linux 9.2 Manual Pages on command 'sem_close.3'

C:\>man sem_close.3

SEM_CLOSE(3) Linux Programmer's Manual SEM_CLOSE(3)

NAME

sem_close - close a named semaphore

SYNOPSIS

```
#include <semaphore.h>

int sem_close(sem_t *sem);

Link with -pthread.
```

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).

??

?Interface ? Attribute ? Value ?

??

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

??

CONFORMING TO

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

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)`

COLOPHON

This page is part of release 5.05 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

Linux

2017-09-15

SEM_CLOSE(3)