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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'sem\_unlink.3'***

#### ***\$ man sem\_unlink.3***

SEM\_UNLINK(3)      Linux Programmer's Manual      SEM\_UNLINK(3)

#### 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 at?

tributes(7).

??

?Interface ? Attribute ? Value ?

??

?sem\_unlink() ? 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

This page is part of release 5.10 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/>.

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