



## Rocky Enterprise Linux 9.2 Manual Pages on command 'swab.3'

C:\>man swab.3

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

### NAME

swab - swap adjacent bytes

### SYNOPSIS

```
#define _XOPEN_SOURCE /* See feature_test_macros(7) */  
#include <unistd.h>  
void swab(const void *from, void *to, ssize_t n);
```

### DESCRIPTION

The `swab()` function copies `n` bytes from the array pointed to by `from` to the array pointed to by `to`, exchanging adjacent even and odd bytes. This function is used to exchange data between machines that have different low/high byte ordering.

This function does nothing when `n` is negative. When `n` is positive and odd, it handles `n-1` bytes as above, and does something unspecified with the last byte. (In other words, `n` should be even.)

### RETURN VALUE

The `swab()` function returns no value.

### ATTRIBUTES

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

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?Interface ? Attribute ? Value ?

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

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CONFORMING TO

POSIX.1-2001, POSIX.1-2008, SVr4, 4.3BSD.

SEE ALSO

bstring(3)

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/>.

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SWAB(3)