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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'swab.3' command

\$ 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 ?

??

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

??

CONFORMING TO

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

SEE ALSO

bstring(3)

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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