



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

\$ man swab.3

swab(3) Library Functions Manual swab(3)

NAME _____

swab - swap adjacent bytes

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#define _XOPEN_SOURCE      /* See feature_test_macros(7) */

#include <unistd.h>

void swab(ssize_t n;

        const void from[restrict n], void to[restrict n],

        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)`.

[illegible]

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