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

\$ man swab.3p

SWAB(3P) POSIX Programmer's Manual SWAB(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

swab ? swap bytes

SYNOPSIS

```
#include <unistd.h>

void swab(const void *restrict src, void *restrict dest,
          ssize_t nbytes);
```

DESCRIPTION

The swab() function shall copy nbytes bytes, which are pointed to by src, to the object pointed to by dest, exchanging adjacent bytes. The nbytes argument should be even. If nbytes is odd, swab() copies and exchanges nbytes-1 bytes and the disposition of the last byte is unspecified. If copying takes place between objects that overlap, the behavior is undefined. If nbytes is negative, swab() does nothing.

RETURN VALUE

None.

ERRORS

No errors are defined.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

The Base Definitions volume of POSIX.1-2017, <unistd.h>

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