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

\$ man getwc.3p

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

getwc ? get a wide character from a stream

SYNOPSIS

```
#include <stdio.h>
#include <wchar.h>
wint_t getwc(FILE *stream);
```

DESCRIPTION

The functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

The getwc() function shall be equivalent to fgetwc(), except that if it is implemented as a macro it may evaluate stream more than once, so the argument should never be an expression with side-effects.

RETURN VALUE

Refer to fgetwc().

ERRORS

Refer to `fgetwc()`.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

Since it may be implemented as a macro, `getwc()` may treat incorrectly a stream argument with side-effects. In particular, `getwc(*f++)` does not necessarily work as expected. Therefore, use of this function is not recommended; `fgetwc()` should be used instead.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

Section 2.5, Standard I/O Streams, `fgetwc()`

The Base Definitions volume of POSIX.1-2017, `<stdio.h>`, `<wchar.h>`

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