



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'getwchar.3p' command***

**\$ man getwchar.3p**

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

getwchar ? get a wide character from a stdin stream

### SYNOPSIS

```
#include <wchar.h>

wint_t getwchar(void);
```

### 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 `getwchar()` function shall be equivalent to `getwc(stdin)`.

### RETURN VALUE

Refer to `fgetwc()`.

### ERRORS

Refer to `fgetwc()`.

The following sections are informative.

### EXAMPLES

None.

## APPLICATION USAGE

If the `wint_t` value returned by `getwchar()` is stored into a variable of type `wchar_t` and then compared against the `wint_t` macro `WEOF`, the result may be incorrect. Only the `wint_t` type is guaranteed to be able to represent any wide character and `WEOF`.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

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

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

## COPYRIGHT

Portions of this text are reprinted and reproduced in electronic form from IEEE Std 1003.1-2017, Standard for Information Technology -- Portable Operating System Interface (POSIX), The Open Group Base Specifications Issue 7, 2018 Edition, Copyright (C) 2018 by the Institute of Electrical and Electronics Engineers, Inc and The Open Group. In the event of any discrepancy between this version and the original IEEE and The Open Group Standard, the original IEEE and The Open Group Standard is the reference document. The original Standard can be obtained online at <http://www.opengroup.org/unix/online.html>.

Any typographical or formatting errors that appear in this page are most likely to have been introduced during the conversion of the source files to man page format. To report such errors, see [https://www.kernel.org/doc/man-pages/reporting\\_bugs.html](https://www.kernel.org/doc/man-pages/reporting_bugs.html).