NAME
getwchar − read a wide character from standard input

SYNOPSIS
#include <wchar.h>

wint_t getwchar(void);

DESCRIPTION
The **getwchar**() function is the wide-character equivalent of the **getchar**(3) function. It reads a wide character from *stdin* and returns it. If the end of stream is reached, or if *ferror(stdin)* becomes true, it returns **WEOF**. If a wide-character conversion error occurs, it sets *errno* to **EILSEQ** and returns **WEOF**.

For a nonlocking counterpart, see **unlocked_stdio**(3).

RETURN VALUE
The **getwchar**() function returns the next wide-character from standard input, or **WEOF**.

ATTRIBUTES
For an explanation of the terms used in this section, see **attributes**(7).

Interface	Attribute	Value
getwchar()	Thread safety	MT-Safe

CONFORMING TO
POSIX.1-2001, POSIX.1-2008, C99.

NOTES
The behavior of **getwchar**() depends on the **LC_CTYPE** category of the current locale.

It is reasonable to expect that **getwchar**() will actually read a multibyte sequence from standard input and then convert it to a wide character.

SEE ALSO
fgetwc(3), **unlocked_stdio**(3)

COLOPHON
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