

**NAME**

putwchar – write a wide character to standard output

**LIBRARY**

Standard C library (*libc*, *-lc*)

**SYNOPSIS**

```
#include <wchar.h>
```

```
wint_t putwchar(wchar_t wc);
```

**DESCRIPTION**

The **putwchar()** function is the wide-character equivalent of the **putchar(3)** function. It writes the wide character *wc* to *stdout*. If *err* or (*stdout*) becomes true, it returns **WEOF**. If a wide character conversion error occurs, it sets *errno* to **EILSEQ** and returns **WEOF**. Otherwise, it returns *wc*.

For a nonlocking counterpart, see **unlocked\_stdio(3)**.

**RETURN VALUE**

The **putwchar()** function returns *wc* if no error occurred, or **WEOF** to indicate an error.

**ATTRIBUTES**

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

Interface	Attribute	Value
putwchar()	Thread safety	MT-Safe

**STANDARDS**

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

**NOTES**

The behavior of **putwchar()** depends on the **LC\_CTYPE** category of the current locale.

It is reasonable to expect that **putwchar()** will actually write the multibyte sequence corresponding to the wide character *wc*.

**SEE ALSO**

**fputwc(3)**, **unlocked\_stdio(3)**