

**NAME**

**fputwc**, **putwc**, **putwchar** - output a wide character to a stream

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

```
#include <stdio.h>
```

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

```
wint_t
```

```
fputwc(wchar_t wc, FILE *stream);
```

```
wint_t
```

```
putwc(wchar_t wc, FILE *stream);
```

```
wint_t
```

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

**DESCRIPTION**

The **fputwc()** function writes the wide character *wc* to the output stream pointed to by *stream*.

The **putwc()** function acts essentially identically to **fputwc()**.

The **putwchar()** function is identical to **putwc()** with an output stream of stdout.

**RETURN VALUES**

The **fputwc()**, **putwc()**, and **putwchar()** functions return the wide character written. If an error occurs, the value WEOF is returned.

**SEE ALSO**

ferror(3), fopen(3), getwc(3), putc(3), stdio(3)

**STANDARDS**

The **fputwc()**, **putwc()**, and **putwchar()** functions conform to ISO/IEC 9899:1999 ("ISO C99").