

**NAME**

fputws – write a wide-character string to a FILE stream

**LIBRARY**

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

**SYNOPSIS**

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

```
int fputws(const wchar_t *restrict ws, FILE *restrict stream);
```

**DESCRIPTION**

The **fputws()** function is the wide-character equivalent of the **fputs(3)** function. It writes the wide-character string starting at *ws*, up to but not including the terminating null wide character (L'\0'), to *stream*.

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

**RETURN VALUE**

The **fputws()** function returns a nonnegative integer if the operation was successful, or  $-1$  to indicate an error.

**ATTRIBUTES**

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

Interface	Attribute	Value
fputws()	Thread safety	MT-Safe

**STANDARDS**

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

**NOTES**

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

In the absence of additional information passed to the **fopen(3)** call, it is reasonable to expect that **fputws()** will actually write the multibyte string corresponding to the wide-character string *ws*.

**SEE ALSO**

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