

**NAME**

getw, putw – input and output of words (ints)

**SYNOPSIS**

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

```
int getw(FILE *stream);
```

```
int putw(int w, FILE *stream);
```

Feature Test Macro Requirements for glibc (see **feature\_test\_macros(7)**):

**getw()**, **putw()**:

Since glibc 2.3.3:

```
_XOPEN_SOURCE && !(_POSIX_C_SOURCE >= 200112L)
```

```
|| /* Glibc since 2.19: */ _DEFAULT_SOURCE
```

```
|| /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

Before glibc 2.3.3:

```
_SVID_SOURCE || _BSD_SOURCE || _XOPEN_SOURCE
```

**DESCRIPTION**

**getw()** reads a word (that is, an *int*) from *stream*. It's provided for compatibility with SVr4. We recommend you use **fread(3)** instead.

**putw()** writes the word *w* (that is, an *int*) to *stream*. It is provided for compatibility with SVr4, but we recommend you use **fwrite(3)** instead.

**RETURN VALUE**

Normally, **getw()** returns the word read, and **putw()** returns 0. On error, they return **EOF**.

**ATTRIBUTES**

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

Interface	Attribute	Value
<b>getw()</b> , <b>putw()</b>	Thread safety	MT-Safe

**CONFORMING TO**

SVr4, SUSv2. Not present in POSIX.1.

**BUGS**

The value returned on error is also a legitimate data value. **ferror(3)** can be used to distinguish between the two cases.

**SEE ALSO**

**ferror(3)**, **fread(3)**, **fwrite(3)**, **getc(3)**, **putc(3)**

**COLOPHON**

This page is part of release 4.09 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

