

**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(), 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 4.10 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/>.