

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 |
|-------------------------------|---------------|---------|
| getw() , putw() | 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

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