

NAME

fwide - get/set orientation of a stream

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

int

```
fwide(FILE *stream, int mode);
```

DESCRIPTION

The **fwide**() function determines the orientation of the stream pointed at by *stream*.

If the orientation of *stream* has already been determined, **fwide**() leaves it unchanged. Otherwise, **fwide**() sets the orientation of *stream* according to *mode*.

If *mode* is less than zero, *stream* is set to byte-oriented. If it is greater than zero, *stream* is set to wide-oriented. Otherwise, *mode* is zero, and *stream* is unchanged.

RETURN VALUES

The **fwide**() function returns a value according to orientation after the call of **fwide**(); a value less than zero if byte-oriented, a value greater than zero if wide-oriented, and zero if the stream has no orientation.

SEE ALSO

ferror(3), fgetc(3), fgetwc(3), fopen(3), fputc(3), fputwc(3), freopen(3), stdio(3)

STANDARDS

The **fwide**() function conforms to ISO/IEC 9899:1999 ("ISO C99").