NAME

ungetwc - un-get wide character from input stream

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

wint_t
ungetwc(*wint_t wc*, *FILE *stream*);

DESCRIPTION

The **ungetwc**() function pushes the wide character *wc* (converted to an *wchar_t*) back onto the input stream pointed to by *stream*. The pushed-backed wide characters will be returned by subsequent reads on the stream (in reverse order). A successful intervening call, using the same stream, to one of the file positioning functions fseek(3), fsetpos(3), or rewind(3) will discard the pushed back wide characters.

One wide character of push-back is guaranteed, but as long as there is sufficient memory, an effectively infinite amount of pushback is allowed.

If a character is successfully pushed-back, the end-of-file indicator for the stream is cleared.

RETURN VALUES

The **ungetwc**() function returns the wide character pushed-back after the conversion, or WEOF if the operation fails. If the value of the argument *c* character equals WEOF, the operation will fail and the stream will remain unchanged.

SEE ALSO

fseek(3), getwc(3)

STANDARDS

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