

NAME

fseek, *ftell*, *rewind* — reposition a stream

SYNOPSIS

```
#include <stdio.h>

int fseek (stream, offset, ptrname)
FILE *stream;
long offset;
int ptrname;

long ftell (stream)
FILE *stream;

rewind(stream)
```

DESCRIPTION

Fseek sets the position of the next input or output operation on the *stream*. The new position is at the signed distance *offset* bytes from the beginning, the current position, or the end of the file, according as *ptrname* has the value 0, 1, or 2.

Fseek undoes any effects of *ungetc*(3S).

After *fseek* or *rewind*, the next operation on an update file may be either input or output.

Ftell returns the current value of the offset relative to the beginning of the file associated with the named *stream*. It is measured in bytes on UNIX; on some other systems it is a magic cookie, and is the only foolproof way to obtain an *offset* for *fseek*.

Rewind(*stream*) is equivalent to *fseek*(*stream*, 0L, 0).

SEE ALSO

lseek(2), *fopen*(3S)

DIAGNOSTICS

Fseek returns non-zero for improper seeks, otherwise zero.