

**NAME**

`ungetc` — push character back into input stream

**SYNOPSIS**

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

```
int ungetc (c, stream)
```

```
char c;
```

```
FILE *stream;
```

**DESCRIPTION**

*Ungetc* pushes the character *c* back on an input stream. That character will be returned by the next *getc* call on that stream. *Ungetc* returns *c*.

One character of pushback is guaranteed provided something has been read from the stream and the stream is actually buffered. Attempts to push EOF are rejected.

*Fseek*(3S) erases all memory of pushed back characters.

**SEE ALSO**

*getc*(3S), *setbuf*(3S), *fseek*(3S)

**DIAGNOSTICS**

*Ungetc* returns EOF if it can't push a character back.