

fpurge(3) — Linux manual page

NAME top
fpurge, __fpurge - purge a stream

SYNOPSIS top

```
/* unsupported */
#include <stdio.h>

int fpurge(FILE *stream);

/* supported */
#include <stdio.h>
#include <stdio_ext.h>

void __fpurge(FILE *stream);
```

DESCRIPTION

The function **fpurge()** clears the buffers of the given stream. For output streams this discards any unwritten output. For input streams this discards any input read from the underlying object but not yet obtained via getc(3); this includes any text pushed back via ungetc(3). The function **__fpurge()** does precisely the same, but without returning a value.

RETURN VALUE

Upon successful completion **fpurge()** returns 0. On error, it returns -1 and sets errno to indicate the error.

ERRORS

EBADF *stream* is not an open stream.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

Interface	Attribute	Value
__fpurge()	Thread safety	MT-Safe race:stream

CONFORMING TO

These functions are nonstandard and not portable. The function

fpurge() was introduced in 4.4BSD and is not available under Linux. The function **__fpurge()** was introduced in Solaris, and is present in glibc 2.1.95 and later.

NOTES

Usually it is a mistake to want to discard input buffers.