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Rocky Enterprise Linux 9.2 Manual Pages on command 'fputc.3'

\$ man fputc.3

PUTS(3) Linux Programmer's Manual PUTS(3)

NAME

fputc, fputs, putc, putchar, puts - output of characters and strings

SYNOPSIS

```
#include <stdio.h>

int fputc(int c, FILE *stream);

int fputs(const char *s, FILE *stream);

int putc(int c, FILE *stream);

int putchar(int c);

int puts(const char *s);
```

DESCRIPTION

fputc() writes the character c, cast to an unsigned char, to stream.

fputs() writes the string s to stream, without its terminating null byte ('\0').

putc() is equivalent to fputc() except that it may be implemented as a macro which evaluates stream more than once.

putchar(c) is equivalent to putc(c, stdout).

puts() writes the string s and a trailing newline to stdout.

Calls to the functions described here can be mixed with each other and with calls to other output functions from the `stdio` library for the same output stream.

For nonlocking counterparts, see `unlocked_stdio(3)`.

RETURN VALUE

`fputc()`, `putc()`, and `putchar()` return the character written as an unsigned char cast to an int or EOF on error.

`puts()` and `fputs()` return a nonnegative number on success, or EOF on error.

ATTRIBUTES

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

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?Interface ? Attribute ? Value ?

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?`fputc()`, `fputs()`, `putc()`, ? Thread safety ? MT-Safe ?

?`putchar()`, `puts()` ? ? ?

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CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99.

BUGS

It is not advisable to mix calls to output functions from the `stdio` library with low-level calls to `write(2)` for the file descriptor associated with the same output stream; the results will be undefined and very probably not what you want.

SEE ALSO

`write(2)`, `ferror(3)`, `fgets(3)`, `fopen(3)`, `fputwc(3)`, `fputws(3)`,
`fseek(3)`, `fwrite(3)`, `putwchar(3)`, `scanf(3)`, `unlocked_stdio(3)`

COLOPHON

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