



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'putchar.3'***

#### ***\$ man putchar.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).

Interface Attribute Value

Interface Attribute Value

Interface Attribute Value

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

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

Interface Attribute Value

## 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

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

