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
fputc(), **fputs**(), **putc**(), **putchar**(), **puts**()	Thread safety	MT-Safe

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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