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.

CONFORMING TO

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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