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(),	Thread safety	MT-Safe
<pre>putchar(), puts()</pre>				

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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