

C LIBRARY FUNCTION - FPUTS

http://www.tutorialspoint.com/c_standard_library/c_function_fputs.htm

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Description

The C library function **int fputs***constchar * str, FILE * stream* writes a string to the specified stream up to but not including the null character.

Declaration

Following is the declaration for fputs function.

```
int fputs(const char *str, FILE *stream)
```

Parameters

- **str** -- This is an array containing the null-terminated sequence of characters to be written.
- **stream** -- This is the pointer to a FILE object that identifies the stream where the string is to be written.

Return Value

This function returns a non-negative value, or else on error it returns EOF.

Example

The following example shows the usage of fputs function.

```
#include <stdio.h>

int main ()
{
    FILE *fp;

    fp = fopen("file.txt", "w+");

    fputs("This is c programming.", fp);
    fputs("This is a system programming language.", fp);

    fclose(fp);

    return(0);
}
```

Let us compile and run the above program, this will create a file **file.txt** with the following content:

```
This is c programming.This is a system programming language.
```

Now let's see the content of the above file using the following program:

```
#include <stdio.h>

int main ()
{
    FILE *fp;
    int c;

    fp = fopen("file.txt", "r");
    while(1)
    {
        c = fgetc(fp);
        if( feof(fp) )
```

```
    {
        break ;
    }
    printf("%c", c);
}
fclose(fp);
return(0);
}
```

Let us compile and run the above program to produce the following result.

This is c programming This is a system programming language.
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