

Function freopen () in C

Function FILE * freopen (const char * filename, const char * mode, FILE * stream) in Library C attaches a new filename with the given Stream and at the same time closes the old FILE in Stream.

Function **FILE * freopen (const char * filename, const char * mode, FILE * stream)** in Library C attaches a new filename with the given Stream and at the same time closes the old FILE in Stream.

Declaring the function freopen () in C

Below is the declaration for freopen () function in C:

```
FILE * freopen ( const char * filename , const char * mode , FILE * stream )
```

Parameters

filename - This is the string containing the file name to be opened.

mode - This is the string containing the file access mode. Include:

mode Description "r" Open a file to read. File must exist "w" Create an empty file to write. If a file with the same name already exists, its content is removed and the file is treated as a new blank file "a" Append to a file. With write operations, append data at the end of the file. The file is created if it does not already exist "r +" Open a file to write and read. File must exist "w +" Create an empty file to write and read "a +" Open a file to read and append

stream - This is the pointer to a FILE object that identifies the Stream to be reopened.

Returns the value

If the file is successfully reopened, the function returns a pointer to an object that identifies the Stream, otherwise the null pointer is returned.

For example

The following C program illustrates the usage of freopen () function in C:

```
#include <stdio.h>
int main () { FILE * fp ; printf ( "Dong text nay hien thi tren s
```

Compiling and running the above program will send the following line at STDOUT first:

