

C LIBRARY FUNCTION - REWIND

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

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Description

The C library function **void rewind***FILE * stream* sets the file position to the beginning of the file of the given **stream**.

Declaration

Following is the declaration for rewind function.

```
void rewind(FILE *stream)
```

Parameters

- **stream** – This is the pointer to a FILE object that identifies the stream.

Return Value

This function does not return any value.

Example

The following example shows the usage of rewind function.

```
#include <stdio.h>

int main()
{
    char str[] = "This is tutorialspoint.com";
    FILE *fp;
    int ch;

    /* First let's write some content in the file */
    fp = fopen( "file.txt" , "w" );
    fwrite(str , 1 , sizeof(str) , fp );
    fclose(fp);

    fp = fopen( "file.txt" , "r" );
    while(1)
    {
        ch = fgetc(fp);
        if( feof(fp) )
        {
            break ;
        }
        printf("%c", ch);
    }
    rewind(fp);
    printf("\n");
    while(1)
    {
        ch = fgetc(fp);
        if( feof(fp) )
        {
            break ;
        }
        printf("%c", ch);
    }
    fclose(fp);

    return(0);
}
```

```
}
```

Let us assume we have a text file **file.txt** that have the following content –

```
This is tutorialspoint.com
```

Now let us compile and run the above program to produce the following result –

```
This is tutorialspoint.com
```

```
This is tutorialspoint.com
```

```
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```