

C LIBRARY FUNCTION - STRCHR

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

Copyright © tutorialspoint.com

Description

The C library function **char *strchr***constchar * str, intc* searches for the first occurrence of the character **c** *anunsignedchar* in the string pointed to by the argument **str**.

Declaration

Following is the declaration for strchr function.

```
char *strchr(const char *str, int c)
```

Parameters

- **str** -- This is the C string to be scanned.
- **c** -- This is the character to be searched in str.

Return Value

This returns a pointer to the first occurrence of the character c in the string str, or NULL if the character is not found.

Example

The following example shows the usage of strchr function.

```
#include <stdio.h>
#include <string.h>

int main ()
{
    const char str[] = "http://www.tutorialspoint.com";
    const char ch = '.';
    char *ret;

    ret = strchr(str, ch);

    printf("String after |%c| is - |%s|\n", ch, ret);

    return(0);
}
```

Let us compile and run the above program that will produce the following result:

```
String after . is - http://www.tutorialspoint.com
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js