

C library function - strchr()

Description

The C library function **char *strchr(const char *str, int c)** searches for the last occurrence of the character **c** (an unsigned char) 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.
- **c** – This is the character to be located. It is passed as its int promotion, but it is internally converted back to char.

Return Value

This function returns a pointer to the last occurrence of character in str. If the value is not found, the function returns a null pointer.

Example

The following example shows the usage of strchr() function.

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

int main () {
    int len;
    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);
}
```

[Live Demo](#)

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

```
String after |.| is - |.com|
```