



Rocky Enterprise Linux 9.2 Manual Pages on command 'strchr.3'

C:\>man strchr.3

STRCHR(3) Linux Programmer's Manual STRCHR(3)

NAME

strchr, strchr, strchrnul - locate character in string

SYNOPSIS

```
#include <string.h>

char *strchr(const char *s, int c);

char *strrchr(const char *s, int c);

#define _GNU_SOURCE        /* See feature_test_macros(7) */

#include <string.h>

char *strchrnul(const char *s, int c);
```

DESCRIPTION

The `strchr()` function returns a pointer to the first occurrence of the character `c` in the string `s`.

The `strrchr()` function returns a pointer to the last occurrence of the character `c` in the string `s`.

The `strchrnul()` function is like `strchr()` except that if `c` is not found in `s`, then it returns a pointer to the null byte at the end of `s`, rather than `NULL`.

Here "character" means "byte"; these functions do not work with wide or multibyte characters.

RETURN VALUE

The `strchr()` and `strrchr()` functions return a pointer to the matched character or `NULL` if the character is not found. The terminating null byte is considered part

of the string, so that if c is specified as '\0', these functions return a pointer to the terminator.

The strchrnul() function returns a pointer to the matched character, or a pointer to the null byte at the end of s (i.e., s+strlen(s)) if the character is not found.

VERSIONS

strchrnul() first appeared in glibc in version 2.1.1.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

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?Interface ? Attribute ? Value ?

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?strchr(), strchr(), strchrnul() ? Thread safety ? MT-Safe ?

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CONFORMING TO

strchr(), strchr(): POSIX.1-2001, POSIX.1-2008, C89, C99, SVr4, 4.3BSD.

strchrnul() is a GNU extension.

SEE ALSO

index(3), memchr(3), rindex(3), string(3), strlen(3), strpbrk(3), strsep(3), str?

spn(3), strstr(3), strtok(3), wcschr(3), wcsrchr(3)

COLOPHON

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