



Linux Ubuntu 26.04 Manual Pages on command 'strchr.3'

\$ man strchr.3

strchr(3) Library Functions Manual strchr(3)

NAME

strchr, strchr, strchrnul - locate character in string

LIBRARY

Standard C library (libc, -lc)

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.

ATTRIBUTES

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

[illegible]

? Interface	? Attribute	? Value	?
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[illegible]

? strchr(), strrchr(), strchrnul()	? Thread safety ? MT-Safe ?
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[illegible]

STANDARDS

strchr()

strchr()

C11, POSIX.1-2008.

strchrnul()

GNU.

HISTORY

strchr()

strchr()

POSIX.1-2001, C89, SVr4, 4.3BSD.

strchrnul()

glibc 2.1.1, FreeBSD 10, NetBSD 8.

SEE ALSO

memchr(3), string(3), strlen(3), strpbrk(3), strsep(3), strspn(3), strstr(3), strtok(3), wc?

schr(3), wcsrchr(3)