

NAME

strspn, strcspn – get length of a prefix substring

SYNOPSIS

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

```
size_t strspn(const char *s, const char *accept);
```

```
size_t strcspn(const char *s, const char *reject);
```

DESCRIPTION

The **strspn()** function calculates the length (in bytes) of the initial segment of *s* which consists entirely of bytes in *accept*.

The **strcspn()** function calculates the length of the initial segment of *s* which consists entirely of bytes not in *reject*.

RETURN VALUE

The **strspn()** function returns the number of bytes in the initial segment of *s* which consist only of bytes from *accept*.

The **strcspn()** function returns the number of bytes in the initial segment of *s* which are not in the string *reject*.

ATTRIBUTES

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

Interface	Attribute	Value
strspn(), strcspn()	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99, SVr4, 4.3BSD.

SEE ALSO

index(3), **memchr(3)**, **rindex(3)**, **strchr(3)**, **string(3)**, **strpbrk(3)**, **strsep(3)**, **strstr(3)**, **strtok(3)**, **wcspn(3)**, **wcsspn(3)**

COLOPHON

This page is part of release 5.05 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.