

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\(3\)](#), [wcsncpy\(3\)](#), [wcsspn\(3\)](#)

COLOPHON

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