

**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
<b>strspn()</b> , <b>strcspn()</b>	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)**, **wcscspn(3)**, **wcsspn(3)**

**COLOPHON**

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