

NAME

strspn, **strcspn** - span a string

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <string.h>

size_t

strspn(*const char *s, const char *charset*);

size_t

strcspn(*const char *s, const char *charset*);

DESCRIPTION

The **strspn**() function spans the initial part of the null-terminated string *s* as long as the characters from *s* occur in the null-terminated string *charset*. In other words, it computes the string array index of the first character of *s* which is not in *charset*, else the index of the first null character.

The **strcspn**() function spans the initial part of the null-terminated string *s* as long as the characters from *s* **do not** occur in the null-terminated string *charset* (it spans the **complement** of *charset*). In other words, it computes the string array index of the first character of *s* which is also in *charset*, else the index of the first null character.

RETURN VALUES

The **strspn**() and **strcspn**() functions return the number of characters spanned.

SEE ALSO

memchr(3), strchr(3), strpbrk(3), strrchr(3), strsep(3), strstr(3), strtok(3), wcsspn(3)

STANDARDS

The **strspn**() and **strcspn**() functions conform to ISO/IEC 9899:1990 ("ISO C90").