

**NAME**

**strcpy, strcat, strncat, strchr, strrchr, strcmp, strncmp, strcasecmp, strncasecmp, strcpy, strncpy, sterror, strlen, strpbrk, strsep, strspn, strcspn, strstr, strtok, index, rindex** - string specific functions

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

**#include <string.h>**

*char \**

**strcpy**(*char \*dst, const char \*src*);

*char \**

**strcat**(*char \*s, const char \*append*);

*char \**

**strncat**(*char \*s, const char \*append, size\_t count*);

*char \**

**strchr**(*const char \*s, int c*);

*char \**

**strrchr**(*const char \*s, int c*);

*int*

**strcmp**(*const char \*s1, const char \*s2*);

*int*

**strncmp**(*const char \*s1, const char \*s2, size\_t count*);

*int*

**strcasecmp**(*const char \*s1, const char \*s2*);

*int*

**strncasecmp**(*const char \*s1, const char \*s2, size\_t count*);

*char \**

**strcpy**(*char \*dst, const char \*src*);

*char \**

**strncpy**(*char \*dst, const char \*src, size\_t count*);

*char \**

**strerror**(*int errno*);

*size\_t*

**strlen**(*const char \*s*);

*char \**

**strpbrk**(*const char \*s, const char \*charset*);

*char \**

**strsep**(*char \*\*stringp, const char \*delim*);

*size\_t*

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

*size\_t*

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

*char \**

**strstr**(*const char \*big, const char \*little*);

*char \**

**strtok**(*char \*s, const char \*delim*);

*char \**

**index**(*const char \*s, int c*);

*char \**

**rindex**(*const char \*s, int c*);

## DESCRIPTION

The string functions manipulate strings terminated by a null byte.

See the specific manual pages for more information. For manipulating variable length generic objects as byte strings (without the null byte check), see `bstring(3)`.

Except as noted in their specific manual pages, the string functions do not test the destination for size

limitations.

### SEE ALSO

bstring(3), index(3), rindex(3), stpcpy(3), strcasecmp(3), strcat(3), strchr(3), strcmp(3), strcpy(3), strcspn(3), strerror(3), strlen(3), strpbrk(3), strrchr(3), strsep(3), strspn(3), strstr(3), strtok(3)

### STANDARDS

The **strcat()**, **strncat()**, **strchr()**, **strrchr()**, **strcmp()**, **strncmp()**, **strcpy()**, **strncpy()**, **strerror()**, **strlen()**, **strpbrk()**, **strspn()**, **strcspn()**, **strstr()**, and **strtok()** functions conform to ISO/IEC 9899:1990 ("ISO C90").