



Linux Ubuntu 26.04 Manual Pages on command 'string.3'

\$ man string.3

string(3) Library Functions Manual string(3)

NAME

strcpy, strcasecmp, strcat, strchr, strcmp, strcoll, strcpy, strcspn, strdup, strfry,
strlen, strncat, strncmp, strncpy, strncasecmp, strpbrk, strrchr, strsep, strspn, strstr,
strtok, strxfrm, index, rindex - string operations

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <strings.h>
```

strcasecmp(3)

Compare two strings, ignoring case.

strncasecmp(3)

Compare the first bytes of two strings, ignoring case.

index(3)

Identical to strchr(3).

rindex(3)

Identical to strrchr(3).

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

strcpy(3)

Copy a string, returning a pointer to the end of the resulting string.

strcat(3)

Append a string into an existing string.

strchr(3)

Find the first occurrence of a character in a string.

`strcmp(3)`

Compare two strings.

`strcoll(3)`

Compare two strings, using the current locale.

`strcpy(3)`

Copy a string.

`strcspn(3)`

Calculate the length of the initial segment of a string which does not contain any of the rejected bytes.

`strdup(3)`

Duplicate a string in memory allocated using `malloc(3)`.

`strfry(3)`

Randomly swap the characters in a string.

`strlen(3)`

Return the length of a string.

`strncat(3)`

Append non-null bytes from an array to a string, and null-terminate the result.

`strncmp(3)`

Compare the first bytes of two strings.

`strpbrk(3)`

Find the first occurrence in a string of one of the bytes in the accepted bytes.

`strrchr(3)`

Find the last occurrence of a character in a string.

`strsep(3)`

Extract the initial field in a string that is delimited by one of the delimiter bytes.

`strspn(3)`

Calculate the length of the initial segment of a string that consists entirely of accepted bytes.

`strstr(3)`

Find the first occurrence of a substring in a string.

`strtok(3)`

Extract tokens from a string that are delimited by one of the delimiter bytes.

strxfrm(3)

Transforms a string to the current locale and copies the first bytes to a buffer.

strncpy(3)

Fill a fixed-size buffer with leading non-null bytes from a source array, padding with null bytes as needed.

DESCRIPTION

The string functions perform operations on null-terminated strings. See the individual man pages for descriptions of each function.

SEE ALSO

bstring(3), stpcpy(3), strcasecmp(3), strcat(3), strchr(3), strcmp(3), strcoll(3), strcpy(3), strcspn(3), strdup(3), strfry(3), strlen(3), strncasecmp(3), strncat(3), strncmp(3), strncpy(3), strpbrk(3), strrchr(3), strsep(3), strspn(3), strstr(3), strtok(3), strxfrm(3)

Linux man-pages 6.17

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