

NAME

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

SYNOPSIS

#include <strings.h>

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

Compare the strings *s1* and *s2* ignoring case.

int strncasecmp(const char *s1, const char *s2, size_t n);

Compare the first *n* characters of the strings *s1* and *s2* ignoring case.

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

Return a pointer to the first occurrence of the character *c* in the string *s*.

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

Return a pointer to the last occurrence of the character *c* in the string *s*.

#include <string.h>

char *strcpy(char *dest, const char *src);

Copy a string from *src* to *dest*, returning a pointer to the end of the resulting string at *dest*.

char *strcat(char *dest, const char *src);

Append the string *src* to the string *dest*, returning a pointer *dest*.

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

Return a pointer to the first occurrence of the character *c* in the string *s*.

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

Compare the strings *s1* with *s2*.

int strcoll(const char *s1, const char *s2);

Compare the strings *s1* with *s2* using the current locale.

char *strcpy(char *dest, const char *src);

Copy the string *src* to *dest*, returning a pointer to the start of *dest*.

size_t strcspn(const char *s, const char *reject);

Calculate the length of the initial segment of the string *s* which does not contain any of bytes in the string *reject*,

char *strdup(const char *s);

Return a duplicate of the string *s* in memory allocated using [malloc\(3\)](#).

char *strfry(char *string);

Randomly swap the characters in *string*.

size_t strlen(const char *s);

Return the length of the string *s*.

char *strncat(char *dest, const char *src, size_t n);

Append at most *n* characters from the string *src* to the string *dest*, returning a pointer to *dest*.

int strncmp(const char *s1, const char *s2, size_t n);

Compare at most *n* bytes of the strings *s1* and *s2*.

char *strncpy(char *dest, const char *src, size_t n);

Copy at most *n* bytes from string *src* to *dest*, returning a pointer to the start of *dest*.

char *strpbrk(const char *s, const char *accept);

Return a pointer to the first occurrence in the string *s* of one of the bytes in the string *accept*.

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

Return a pointer to the last occurrence of the character *c* in the string *s*.

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

Extract the initial token in *stringp* that is delimited by one of the bytes in *delim*.

size_t strspn(const char *s, const char *accept);

Calculate the length of the starting segment in the string *s* that consists entirely of bytes in *accept*.

char *strstr(const char *haystack, const char *needle);

Find the first occurrence of the substring *needle* in the string *haystack*, returning a pointer to the found substring.

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

Extract tokens from the string *s* that are delimited by one of the bytes in *delim*.

size_t strxfrm(char *dest, const char *src, size_t n);

Transforms *src* to the current locale and copies the first *n* characters to *dest*.

DESCRIPTION

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

SEE ALSO

[index\(3\)](#), [rindex\(3\)](#), [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\(3\)](#)

COLOPHON

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