

NAME

strstr, strcasestr – locate a substring

LIBRARY

Standard C library (*libc*, *-lc*)

SYNOPSIS

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

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

```
#define _GNU_SOURCE /* See feature_test_macros(7) */
```

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

```
char *strcasestr(const char *haystack, const char *needle);
```

DESCRIPTION

The **strstr()** function finds the first occurrence of the substring *needle* in the string *haystack*. The terminating null bytes ('\0') are not compared.

The **strcasestr()** function is like **strstr()**, but ignores the case of both arguments.

RETURN VALUE

These functions return a pointer to the beginning of the located substring, or NULL if the substring is not found.

If *needle* is the empty string, the return value is always *haystack* itself.

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes(7)**.

Interface	Attribute	Value
strstr()	Thread safety	MT-Safe
strcasestr()	Thread safety	MT-Safe locale

STANDARDS

strstr(): POSIX.1-2001, POSIX.1-2008, C99.

The **strcasestr()** function is a nonstandard extension.

SEE ALSO

memchr(3), **memmem(3)**, **strcasecmp(3)**, **strchr(3)**, **string(3)**, **strpbrk(3)**, **strsep(3)**, **strspn(3)**, **strtok(3)**, **wcsstr(3)**