

NAME

index, rindex - locate character in string

SYNOPSIS

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

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

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

DESCRIPTION

The **index()** function returns a pointer to the first occurrence of the character *c* in the string *s*.

The **rindex()** function returns a pointer to the last occurrence of the character *c* in the string *s*.

The terminating null byte (0) is considered to be a part of the strings.

RETURN VALUE

The **index()** and **rindex()** functions return a pointer to the matched character or NULL if the character is not found.

ATTRIBUTES

Multithreading (see pthreads(7))

The **index()** and **rindex()** functions are thread-safe.

CONFORMING TO

4.3BSD; marked as LEGACY in POSIX.1-2001. POSIX.1-2008 removes the specifications of **index()** and **rindex()**, recommending [strchr\(3\)](#) and [strrchr\(3\)](#) instead.

SEE ALSO

[memchr\(3\)](#), [strchr\(3\)](#), [string\(3\)](#), [strpbrk\(3\)](#), [strrchr\(3\)](#), [strsep\(3\)](#), [strspn\(3\)](#), [strstr\(3\)](#), [strtok\(3\)](#)

COLOPHON

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