
The Open Group Base Specifications Issue 7, 2018 edition
IEEE Std 1003.1-2017 (Revision of IEEE Std 1003.1-2008)
Copyright © 2001-2018 IEEE and The Open Group

NAME


strings.h – string operations

SYNOPSIS

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

DESCRIPTION

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided for use with ISO C standard compilers.

[XSI] 

```
int    ffs(int);
```



```
int    strcasecmp(const char *, const char *);
```

```
int    strcasecmp_l(const char *, const char *, locale_t);
```

```
int    strncasecmp(const char *, const char *, size_t);
```

```
int    strncasecmp_l(const char *, const char *, size_t, locale_t);
```

The <strings.h> header shall define the **locale_t** type as described in [<locale.h>](#).

The <strings.h> header shall define the **size_t** type as described in [<sys/types.h>](#).

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

[<locale.h>](#), [<sys/types.h>](#)

XSH [ffs](#), [strcasecmp](#)

CHANGE HISTORY

First released in Issue 4, Version 2.

Issue 6

The Open Group Corrigendum U021/2 is applied, correcting the prototype for *index()* to be consistent with the reference page.

The *bcmp()*, *bcopy()*, *bzero()*, *index()*, and *rindex()* functions are marked LEGACY.

Issue 7

SD5-XBD-ERN-56 is applied, adding a reference to [<sys/types.h>](#) for the **size_t** type.

The LEGACY functions are removed.

The <strings.h> header is moved from the XSI option to the Base.

The [strcasecmp 1\(\)](#) and [strncasecmp 1\(\)](#) functions are added from The Open Group Technical Standard, 2006, Extended API Set Part 4.

A declaration for the **locale_t** type is added.

End of informative text.

[return to top of page](#)

UNIX ® is a registered Trademark of The Open Group.
POSIX ™ is a Trademark of The IEEE.
Copyright © 2001-2018 IEEE and The Open Group, All Rights Reserved
[[Main Index](#) | [XBD](#) | [XSH](#) | [XCU](#) | [XRAT](#)]

[<<< Previous](#)

[Home](#)

[Next >>>](#)
