

NAME

wcsdup – duplicate a wide-character string

SYNOPSIS

```
#include <wchar.h>
```

```
wchar_t *wcsdup(const wchar_t *s);
```

Feature Test Macro Requirements for glibc (see **feature_test_macros(7)**):

wcsdup():

Since glibc 2.10:

```
_POSIX_C_SOURCE >= 200809L
```

Before glibc 2.10:

```
_GNU_SOURCE
```

DESCRIPTION

The **wcsdup()** function is the wide-character equivalent of the **strdup(3)** function. It allocates and returns a new wide-character string whose initial contents is a duplicate of the wide-character string pointed to by *s*.

Memory for the new wide-character string is obtained with **malloc(3)**, and should be freed with **free(3)**.

RETURN VALUE

On success, **wcsdup()** returns a pointer to the new wide-character string. On error, it returns NULL, with *errno* set to indicate the cause of the error.

ERRORS

ENOMEM

Insufficient memory available to allocate duplicate string.

ATTRIBUTES

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

Interface	Attribute	Value
wcsdup()	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2008. This function is not specified in POSIX.1-2001, and is not widely available on other systems.

SEE ALSO

strdup(3), **wcscpy(3)**

COLOPHON

This page is part of release 5.02 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.