

**NAME**

wcsdup – duplicate a wide-character string

**LIBRARY**

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

**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 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
<b>wcsdup()</b>	Thread safety	MT-Safe

**STANDARDS**

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)**