

**NAME**

wcstoimax, wcstoumax – convert wide-character string to integer

**SYNOPSIS**

```
#include <stddef.h>
```

```
#include <inttypes.h>
```

```
intmax_t wcstoimax(const wchar_t *nptr, wchar_t **endptr, int base);
```

```
uintmax_t wcstoumax(const wchar_t *nptr, wchar_t **endptr, int base);
```

**DESCRIPTION**

These functions are just like **wcstol(3)** and **wcstoul(3)**, except that they return a value of type *intmax\_t* and *uintmax\_t*, respectively.

**ATTRIBUTES**

For an explanation of the terms used in this section, see [attributes\(7\)](#).

| Interface                | Attribute     | Value          |
|--------------------------|---------------|----------------|
| wcstoimax(), wcstoumax() | Thread safety | MT-Safe locale |

**CONFORMING TO**

POSIX.1-2001, POSIX.1-2008, C99.

**SEE ALSO**

[imaxabs\(3\)](#), [imaxdiv\(3\)](#), [strtoimax\(3\)](#), [strtoumax\(3\)](#), [wcstol\(3\)](#), [wcstoul\(3\)](#)

**COLOPHON**

This page is part of release 4.16 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/>.