

NAME

wcstol, **wcstoul**, **wcstoll**, **wcstoull**, **wcstoimax**, **wcstoumax** - convert a wide character string value to a *long*, *unsigned long*, *long long*, *unsigned long long*, *intmax_t* or *uintmax_t* integer

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

long

```
wcstol(const wchar_t * restrict nptr, wchar_t ** restrict endptr, int base);
```

unsigned long

```
wcstoul(const wchar_t * restrict nptr, wchar_t ** restrict endptr, int base);
```

long long

```
wcstoll(const wchar_t * restrict nptr, wchar_t ** restrict endptr, int base);
```

unsigned long long

```
wcstoull(const wchar_t * restrict nptr, wchar_t ** restrict endptr, int base);
```

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

intmax_t

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

uintmax_t

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

DESCRIPTION

The **wcstol()**, **wcstoul()**, **wcstoll()**, **wcstoull()**, **wcstoimax()** and **wcstoumax()** functions are wide-character versions of the **strtol()**, **strtoul()**, **strtol()**, **strtoull()**, **strtoimax()** and **strtoumax()** functions, respectively. Refer to their manual pages (for example **strtol(3)**) for details.

SEE ALSO

strtol(3), **strtoul(3)**

STANDARDS

The **wcstol()**, **wcstoul()**, **wcstoll()**, **wcstoull()**, **wcstoimax()** and **wcstoumax()** functions conform to

ISO/IEC 9899:1999 ("ISO C99").