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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'wcstoimax.3p' command***

***\$ man wcstoimax.3p***

WCSTOIMAX(3P)      POSIX Programmer's Manual      WCSTOIMAX(3P)

### PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

### NAME

wcstoimax, wcstoumax ? convert a wide-character string to an integer type

### SYNOPSIS

```
#include <stddef.h>

#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 functionality described on this reference page is aligned with the ISO C standard. Any conflict between the requirements described here and the ISO C standard is unintentional. This volume of POSIX.1?2017 defers to the ISO C standard.

These functions shall be equivalent to the wcstol(), wcstoll(), wc?stoul(), and wcstoull() functions, respectively, except that the ini?

tial portion of the wide string shall be converted to `intmax_t` and `uintmax_t` representation, respectively.

## RETURN VALUE

These functions shall return the converted value, if any.

If no conversion could be performed, zero shall be returned. If the correct value is outside the range of representable values, `{INT?MAX_MAX}`, `{INTMAX_MIN}`, or `{UINTMAX_MAX}` shall be returned (according to the return type and sign of the value, if any), and `errno` shall be set to `[ERANGE]`.

## ERRORS

These functions shall fail if:

`EINVAL` The value of `base` is not supported.

`ERANGE` The value to be returned is not representable.

These functions may fail if:

`EINVAL` No conversion could be performed.

The following sections are informative.

## EXAMPLES

None.

## APPLICATION USAGE

None.

## RATIONALE

None.

## FUTURE DIRECTIONS

None.

## SEE ALSO

`wcstol()`, `wcstoul()`

The Base Definitions volume of POSIX.1?2017, `<inttypes.h>`, `<stddef.h>`

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