



**Rocky Enterprise Linux 9.2 Manual Pages on command 'strtoimax.3'**

**C:\>man strtoimax.3**

STRTOIMAX(3)                   Linux Programmer's Manual                   STRTOIMAX(3)

**NAME**

strtoimax, strtoumax - convert string to integer

**SYNOPSIS**

```
#include <inttypes.h>

intmax_t strtoumax(const char *nptr, char **endptr, int base);
uintmax_t strtoumax(const char *nptr, char **endptr, int base);
```

**DESCRIPTION**

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

**RETURN VALUE**

On success, the converted value is returned. If nothing was found to convert, zero is returned. On overflow or underflow INTMAX\_MAX or INTMAX\_MIN or UINTMAX\_MAX is returned, and errno is set to ERANGE.

**ATTRIBUTES**

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

```
????????????????????????????????????????????????????????????????????
?Interface           ? Attribute   ? Value       ?
????????????????????????????????????????????????????????????????????
?strtoumax(), strtoumax() ? Thread safety ? MT-Safe locale ?
????????????????????????????????????????????????????????????????????
```

**CONFORMING TO**

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

#### SEE ALSO

imaxabs(3), imaxdiv(3), strtol(3), strtoul(3), wcstoimax(3)

#### COLOPHON

This page is part of release 5.05 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/>.

2015-08-08

STRTOIMAX(3)