

`strtold` is identical to `strtod`, except that it converts a string to a long double value.

*Returns*     The converted number. Returns zero if no conversion could be performed. If the number is too large to represent, returns plus or minus `HUGE_VALL`, depending on the number's sign. If the number is too small to represent, returns a value whose magnitude is no greater than the smallest normalized positive long double.     26.2

***strtoll***     *Convert String to Long Long Integer (C99)*     `<stdlib.h>`

```
long long int strtoll(const char * restrict nptr,
                     char ** restrict endptr,
                     int base);
```

`strtoll` is identical to `strtol`, except that it converts a string to a long long int value.

*Returns*     The converted number. Returns zero if no conversion could be performed. If the number can't be represented, returns `LLONG_MAX` or `LLONG_MIN`, depending on the number's sign.     26.2

***strtoul***     *Convert String to Unsigned Long Integer*     `<stdlib.h>`

```
unsigned long int strtoul(const char * restrict nptr,
                         char ** restrict endptr,
                         int base);
```

`strtoul` is identical to `strtol`, except that it converts a string to an unsigned long int value.

*Returns*     The converted number. Returns zero if no conversion could be performed. If the number can't be represented, returns `ULONG_MAX`.     26.2

***strtoull***     *Convert String to Unsigned Long Long Integer (C99)*     `<stdlib.h>`

```
unsigned long long int strtoull(
    const char * restrict nptr,
    char ** restrict endptr, int base);
```

`strtoull` is identical to `strtol`, except that it converts a string to an unsigned long long int value.

*Returns*     The converted number. Returns zero if no conversion could be performed. If the number can't be represented, returns `ULLONG_MAX`.     26.2

***strtoumax***     *Convert String to Unsigned Greatest-Width Integer (C99)*     `<inttypes.h>`

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

`strtoumax` is identical to `strtol`, except that it converts a string to a value of type `uintmax_t` (the widest unsigned integer type).

*Returns*     The converted number. Returns zero if no conversion could be performed. If the number can't be represented, returns `UINTMAX_MAX`.     27.2