



Linux Ubuntu 26.04 Manual Pages on command 'numfmt.1'

\$ man numfmt.1

NUMFMT(1) General Commands Manual NUMFMT(1)

NAME

numfmt - Convert numbers from/to human-readable strings

SYNOPSIS

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numfmt [--debug] [--grouping] [-d|--delimiter] [--field] [--format] [--from] [--from-unit]
[--to] [--to-unit] [--padding] [--header] [--round] [--suffix] [--unit-separator] [--in?]
valid] [-z|--zero-terminated] [-h|--help] [-V|--version] [NUMBER]
```

DESCRIPTION

Convert numbers from/to human-readable strings

OPTIONS

--debug

print warnings about invalid input

--grouping

use locale-defined grouping of digits, for example 1,000,000 (which means it has no effect in the C/POSIX locale)

-d, --delimiter <X>

use X instead of whitespace for field delimiter

--field <FIELDS> [default: 1]

replace the numbers in these input fields; see FIELDS below

--format <FORMAT>

use printf style floating-point FORMAT; see FORMAT below for details

--from <UNIT> [default: none]

auto-scale input numbers to UNITS; see UNIT below

--from-unit <N> [default: 1]

specify the input unit size

--to <UNIT> [default: none]

auto-scale output numbers to UNITS; see UNIT below

--to-unit <N> [default: 1]

the output unit size

--padding <N>

pad the output to N characters; positive N will right-align; negative N will left-align; padding is ignored if the output is wider than N; the default is to automatically pad if a whitespace is found

--header [<N>]

print (without converting) the first N header lines; N defaults to 1 if not specified

--round <METHOD> [default: from-zero]

use METHOD for rounding when scaling

Possible values:

? up

? down

? from-zero

? towards-zero

? nearest

--suffix <SUFFIX>

print SUFFIX after each formatted number, and accept inputs optionally ending with SUFFIX

--unit-separator <STRING>

use STRING to separate the number from any unit when printing; by default, no separator is used

--invalid <INVALID> [default: abort]

set the failure mode for invalid input

Possible values:

? abort

? fail

? warn

? ignore

-z, --zero-terminated

line delimiter is NUL, not newline

-h, --help

Print help

-V, --version

Print version

EXTRA

UNIT options:

- none: no auto-scaling is done; suffixes will trigger an error - auto: accept optional sin?

gle/two letter suffix:

1K = 1000, 1Ki = 1024, 1M = 1000000, 1Mi = 1048576,

- si: accept optional single letter suffix:

1K = 1000, 1M = 1000000, ...

- iec: accept optional single letter suffix:

1K = 1024, 1M = 1048576, ...

- iec-i: accept optional two-letter suffix:

1Ki = 1024, 1Mi = 1048576, ...

- FIELDS supports cut(1) style field ranges:

N N'th field, counted from 1

N- from N'th field, to end of line

N-M from N'th to M'th field (inclusive)

-M from first to M'th field (inclusive)

- all fields

Multiple fields/ranges can be separated with commas

FORMAT must be suitable for printing one floating-point argument %f. Optional quote (%f)

will enable --grouping (if supported by current locale). Optional width value (%10f) will

pad output. Optional zero (%010f) width will zero pad the number. Optional negative values

(%-10f) will left align. Optional precision (%.1f) will override the input determined pre?

cision.

VERSION

v(utils coreutils) 0.8.0