



Rocky Enterprise Linux 9.2 Manual Pages on command 'Types::Common::Numeric.3pm'

C:\>man Types::Common::Numeric.3pm

Types::Common::Numeric(3pm) User Contributed Perl DocumentationTypes::Common::Numeric(3pm)

NAME

Types::Common::Numeric - drop-in replacement for MooseX::Types::Common::Numeric

STATUS

This module is covered by the Type-Tiny stability policy.

DESCRIPTION

A drop-in replacement for MooseX::Types::Common::Numeric.

Types

The following types are similar to those described in
MooseX::Types::Common::Numeric.

? PositiveNum

? PositiveOrZeroNum

? PositiveInt

? PositiveOrZeroInt

? NegativeNum

? NegativeOrZeroNum

? NegativeInt

? NegativeOrZeroInt

? SingleDigit

"SingleDigit" interestingly accepts the numbers -9 to -1; not just 0 to 9.

This module also defines an extra pair of type constraints not found in MooseX::Types::Common::Numeric.

? IntRange[``min`, ``max`]

Type constraint for an integer between min and max. For example:

```
IntRange[1, 10]
```

The maximum can be omitted.

```
IntRange[10] # at least 10
```

The minimum and maximum are inclusive.

? NumRange[``min`, ``max`]

Type constraint for a number between min and max. For example:

```
NumRange[0.1, 10.0]
```

As with `IntRange`, the maximum can be omitted, and the minimum and maximum are inclusive.

Exclusive ranges can be useful for non-integer values, so additional parameters can be given to make the minimum and maximum exclusive.

```
NumRange[0.1, 10.0, 0, 0] # both inclusive
```

```
NumRange[0.1, 10.0, 0, 1] # exclusive maximum, so 10.0 is invalid
```

```
NumRange[0.1, 10.0, 1, 0] # exclusive minimum, so 0.1 is invalid
```

```
NumRange[0.1, 10.0, 1, 1] # both exclusive
```

Making one of the limits exclusive means that a "<" or ">" operator will be used instead of the usual "<=" or ">=" operators.

BUGS

Please report any bugs to <http://rt.cpan.org/Dist/Display.html?Queue=Type-Tiny>.

SEE ALSO

`Types::Standard`, `Types::Common::String`.

`MooseX::Types::Common`, `MooseX::Types::Common::Numeric`,

`MooseX::Types::Common::String`.

AUTHOR

Toby Inkster <tobyink@cpan.org>.

COPYRIGHT AND LICENCE

This software is copyright (c) 2013-2014, 2017-2019 by Toby Inkster.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

DISCLAIMER OF WARRANTIES

THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

perl v5.30.0

2019-12-28

Types::Common::Numeric(3pm)