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

\$ man Types::Common::Numeric.3pm

Types::Common::Numeric(3pm) User Contributed Perl Documentation Types::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 <<https://github.com/tobyink/p5-type-tiny/issues>>.

SEE ALSO

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

MooseX::Types::Common, MooseX::Types::Common::Numeric, MooseX::Types::Common::String.

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