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Rocky Enterprise Linux 9.2 Manual Pages on command 'Type::Tiny::Manual::AllTypes.3pm'

\$ man Type::Tiny::Manual::AllTypes.3pm

Type::Tiny::Manual::AllTypes(3pUser Contributed Perl DocumentatiType::Tiny::Manual::AllTypes(3pm)

NAME

Type::Tiny::Manual::AllTypes - alphabetical list of all type constraints bundled with
Type::Tiny

MANUAL

The following is a list of type constraints bundled with Type::Tiny, with very brief descriptions. For more information, see the type library's documentation, and the test cases in "t/21-types/".

GitHub link: <<https://github.com/tobyink/p5-type-tiny/tree/master/t/21-types>>.

? Any in Types::Standard

Anything. Absolutely anything.

? ArrayLike [parameterizable] in Types::TypeTiny

Arrayrefs and objects overloading arrayfication.

? ArrayRef [parameterizable] in Types::Standard

Arrayrefs.

? Bool [has coercion] in Types::Standard

Booleans; the numbers or strings "0" and "1", the empty string, or undef.

? ClassName in Types::Standard

Any loaded package name.

? CodeLike in Types::TypeTiny

Coderefs and objects overloading coderefication.

? CodeRef in Types::Standard

Coderefs.

? ConsumerOf [parameterizable] in Types::Standard

An object that DOES a particular role.

? CycleTuple [parameterizable] in Types::Standard

An arrayref with a repeating pattern of constraints on its values.

? Defined in Types::Standard

Any value other than undef.

? Dict [parameterizable] in Types::Standard

A hashref with constraints on each of its values.

? Enum [parameterizable] in Types::Standard

A string from an allowed set of strings.

? _ForeignTypeConstraint in Types::TypeTiny

A coderef or an object which Type::Tiny knows how to convert into a Type::Tiny instance. (Yes, the name of this type starts with an underscore.)

? FileHandle in Types::Standard

A reference where Scalar::Util::openhandle returns true, or a blessed object in the IO::Handle class.

? GlobRef in Types::Standard

Globrefs

? HashLike [parameterizable] in Types::TypeTiny

Hashrefs and objects overloading hashrefification.

? HashRef [parameterizable] in Types::Standard

Hashrefs.

? HasMethods [parameterizable] in Types::Standard

An object that can do particular methods.

? InstanceOf [parameterizable] in Types::Standard

An object that isa particular class.

? Int in Types::Standard

A whole number, either positive, negative, or zero.

? IntRange [parameterizable] in Types::Common::Numeric

An integer within a particular numeric range.

? Item in Types::Standard

Any single item; effectively the same as Any.

? LaxNum in Types::Standard

A number; relaxed constraint that allows "inf".

? LowerCaseSimpleStr [has coercion] in Types::Common::String

A string less than 256 characters long with no line breaks or uppercase letters.

? LowerCaseStr [has coercion] in Types::Common::String

A string with no uppercase letters.

? Map [parameterizable] in Types::Standard

A hashref with a constraint for the values and keys.

? Maybe [parameterizable] in Types::Standard

When parameterized, the same as its parameter, but also allows undef.

? NegativeInt in Types::Common::Numeric

An integer below 0.

? NegativeNum in Types::Common::Numeric

A number below 0.

? NegativeOrZeroInt in Types::Common::Numeric

An integer below 0, or 0.

? NegativeOrZeroNum in Types::Common::Numeric

A number below 0, or 0.

? NonEmptySimpleStr in Types::Common::String

A string with more than 0 but less than 256 characters with no line breaks.

? NonEmptyStr in Types::Common::String

A string with more than 0 characters.

? Num in Types::Standard

The same as LaxNum or StrictNum depending on environment.

? NumericCode [has coercion] in Types::Common::String

A string containing only digits.

? NumRange [parameterizable] in Types::Common::Numeric

A number within a particular numeric range.

? Object in Types::Standard

A blessed object.

? Optional [parameterizable] in Types::Standard

Used in conjunction with Dict, Tuple, or CycleTuple.

? OptList in Types::Standard

An arrayref of arrayrefs, where each of the inner arrayrefs are two values, the first value being a string.

? Overload [parameterizable] in Types::Standard

An overloaded object.

? Password in Types::Common::String

A string at least 4 characters long and less than 256 characters long with no line breaks.

? PositiveInt in Types::Common::Numeric

An integer above 0.

? PositiveNum in Types::Common::Numeric

A number above 0.

? PositiveOrZeroInt in Types::Common::Numeric

An integer above 0, or 0.

? PositiveOrZeroNum in Types::Common::Numeric

An number above 0, or 0.

? Ref [parameterizable] in Types::Standard

Any reference.

? RegexpRef in Types::Standard

A regular expression.

? RoleName in Types::Standard

Any loaded package name where there is no `new` method.

? ScalarRef [parameterizable] in Types::Standard

Scalarrefs.

? SimpleStr in Types::Common::String

A string with less than 256 characters with no line breaks.

? SingleDigit in Types::Common::Numeric

A single digit number. This includes single digit negative numbers!

? Str in Types::Standard

A string.

? StrictNum in Types::Standard

A number; strict constant.

? StringLike in Types::TypeTiny

Strings and objects overloading stringification.

? StrLength [parameterizable] in Types::Common::String

A string with length in a particular range.

? StrMatch [parameterizable] in Types::Standard

A string matching a particular regular expression.

? StrongPassword in Types::Common::String

A string at least 4 characters long and less than 256 characters long with no line breaks and at least one non-alphabetic character.

? Tied [parameterizable] in Types::Standard

A reference to a tied variable.

? Tuple [parameterizable] in Types::Standard

An arrayref with constraints on its values.

? TypeTiny [has coercion] in Types::TypeTiny

Blessed objects in the Type::Tiny class.

? Undef in Types::Standard

undef.

? UpperCaseSimpleStr [has coercion] in Types::Common::String

A string less than 256 characters long with no line breaks or lowercase letters.

? UpperCaseStr [has coercion] in Types::Common::String

A string with no lowercase letters.

? Value in Types::Standard

Any non-reference value, including undef.

NEXT STEPS

Here's your next step:

? Type::Tiny::Manual::Policies

Policies related to Type::Tiny development.

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