NAME

MooseX::Types::DateTime::MoreCoercions − Extensions to MooseX::Types::DateTime

VERSION

version 0.15

SYNOPSIS

```
package MyApp::MyClass;

use MooseX::Types::DateTime::MoreCoercions qw( DateTime );

has created => (
    isa => DateTime,
    is => "rw",
    coerce => 1,
);

my $instance = MyApp::MyClass->new(created=>'January 1, 1980');
print $instance->created->year; # is 1980

## Coercions from the base type continue to work as normal.
my $instance = MyApp::MyClass->new(created=>{year=>2000,month=>1,day=>10});
```

Please see the test case for more example usage.

DESCRIPTION

This module builds on MooseX::Types::DateTime to add additional custom types and coercions. Since it builds on an existing type, all coercions and constraints are inherited.

SUBTYPES

This module defines the following additional subtypes.

DateTime

Subtype of ''DateTime'' in MooseX::Types::DateTime. Adds an additional coercion from strings.

Uses DateTimeX::Easy to try and convert strings, like ''yesterday'' into a valid DateTime object. Please note that due to ambiguity with how different systems might localize their timezone, string parsing may not always return the most expected value. IN general we try to localize to UTC whenever possible. Feedback welcomed!

Duration

Subtype of ''Duration'' in MooseX::Types::DateTime that coerces from a string. We use the module Time::Duration::Parse to attempt this.

CAVEATS

Firstly, this module uses DateTimeX::Easy which is way more DWIM than any sane person would desire. DateTimeX::Easy works by falling back until something makes sense, this is variable. Furthermore, all the modules that DateTimeX::Easy *can* use aren't required for ''proper'' function of DateTimeX::Easy. What does this mean? Simple, your mileage may vary in your coercions because DateTimeX::Easy is installation specific.

SEE ALSO

- MooseX::Types::DateTime Replacement for this module — coercions with less voodoo
- DateTimeX::Easy Backend of this module
- Time::Duration::Parse Duration parsing backend for this module

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Broken into a separate package from MooseX::Types::DateTime by Evan Carroll.

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