

NAME

MooseX::Singleton – Turn your Moose class into a singleton

VERSION

version 0.30

SYNOPSIS

```
package MyApp;
use MooseX::Singleton;

has env => (
    is      => 'rw',
    isa     => 'HashRef[Str]',
    default => sub { \%ENV },
);

package main;

delete MyApp->env->{PATH};
my $instance = MyApp->instance;
my $same = MyApp->instance;
```

DESCRIPTION

A singleton is a class that has only one instance in an application. MooseX::Singleton lets you easily upgrade (or downgrade, as it were) your Moose class to a singleton.

All you should need to do to transform your class is to change use Moose to use MooseX::Singleton. This module uses metaclass roles to do its magic, so it should cooperate with most other MooseX modules.

METHODS

A singleton class will have the following additional methods:

Singleton->instance

This returns the singleton instance for the given package. This method does *not* accept any arguments. If the instance does not yet exist, it is created with its defaults values. This means that if your singleton requires arguments, calling instance will die if the object has not already been initialized.

Singleton->initialize(%args)

This method can be called *only once per class*. It explicitly initializes the singleton object with the given arguments.

Singleton->_clear_instance

This clears the existing singleton instance for the class. Obviously, this is meant for use only inside the class itself.

Singleton->new

This method currently works like a hybrid of initialize and instance. However, calling new directly will probably be deprecated in a future release. Instead, call initialize or instance as appropriate.

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SUPPORT

Bugs may be submitted through the RT bug tracker <<https://rt.cpan.org/Public/Dist/Display.html?Name=MooseX-Singleton>> (or bug-MooseX-Singleton AT rt DOT cpan DOT org <<mailto:bug-MooseX-Singleton AT rt DOT cpan DOT org>>).

There is also a mailing list available for users of this distribution, at <<http://lists.perl.org/list/moose.html>>.

There is also an irc channel available for users of this distribution, at #moose on irc.perl.org <<irc://irc.perl.org/#moose>>.



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