

MooseX::Attribute::ChainedClone(3pm) User Contributed Perl Documentation MooseX::Attribute::ChainedClone(3pm)

NAME

MooseX::Attribute::ChainedClone – Attribute that returns a cloned instance

VERSION

version 1.0.3

SYNOPSIS

```
package Test;
use Moose;

has debug => (
    traits => [ 'ChainedClone' ],
    is => 'rw',
    isa => 'Bool',
    default => 0,
);

sub complex_method
{
    my $self = shift;

    #...

    print "helper message" if $self->debug;

    #...
}

sub clone {
    my $self = shift;
    # custom clone code here
    # defaults to:
    return bless { %$self }, ref $self;
}

1;
```

Which allows for:

```
my $test = Test->new;
$test->debug(1)->complex_method; # debug enabled
                                # complex_method is called on a cloned instance
                                # with debug set to 1

$test->complex_method;           # debug is still disabled on $test

$test->debug(1); # returns a cloned $test instance with debug set to 1
$test->debug;    # returns 0
```

DESCRIPTION

MooseX::Attribute::ChainedClone is a Moose Trait which allows for method chaining on accessors by returning a cloned instance of \$self on write/set operations.

If \$self has a clone method, this method is invoked to clone the instance. This allows for easy integration with MooseX::Clone or any custom made clone method. If no clone method is available, the new instance is build using `bless { %$self }, ref $self`.

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BUGS

Please report any bugs or feature requests on the bugtracker website <<http://rt.cpan.org/Public/Dist/Display.html?Name=MooseX-Attribute-Chained>> or by email to bug-moosex-attribute-chained at rt.cpan.org.

When submitting a bug or request, please include a test-file or a patch to an existing test-file that illustrates the bug or desired feature.

