

NAME

MouseX::NativeTraits::Num – Helper trait for Num attributes

SYNOPSIS

```
package Real;
use Mouse;

has 'integer' => (
    traits      => [ 'Number' ],
    is          => 'ro',
    isa         => 'Num',
    default     => 5,
    handles     => {
        set => 'set',
        add => 'add',
        sub => 'sub',
        mul => 'mul',
        div => 'div',
        mod => 'mod',
        abs => 'abs',
    },
);

my $real = Real->new();
$real->add(5); # same as $real->integer($real->integer + 5);
$real->sub(2); # same as $real->integer($real->integer - 2);
```

DESCRIPTION

This provides a simple numeric attribute, which supports most of the basic math operations.

PROVIDED METHODS

It is important to note that all those methods do in place modification of the value stored in the attribute. These methods are implemented within this package.

set(\$value)

Alternate way to set the value.

add(\$value)

Adds the current value of the attribute to \$value.

sub(\$value)

Subtracts \$value from the current value of the attribute.

mul(\$value)

Multiplies the current value of the attribute by \$value.

div(\$value)

Divides the current value of the attribute by \$value.

mod(\$value)

Returns the current value of the attribute modulo \$value.

abs

Sets the current value of the attribute to its absolute value.

METHODS**meta****method_provider_class****helper_type****SEE ALSO**

MouseX::NativeTraits

