

over view featurue of

ClassX

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ClassX is Moose inspired library

- Moose has more features than ClassX.
- Moose is written by perl. But ClassX is written by ruby.

lack features from Moose.

- Method modification. For example, 'before', 'after', 'around'.
- TypeConstraint
- and more...

ClassX is ...

- It provides attributes feature for ruby's class.
- Goal is : Attribute can be extensible and flexible.

attribute options

- :validate, :validate_each, :isa, :kind_of, :respond_to: validate rule for setting value.
- :default: default value for attribute
- :writable: accessor can writable or not.
- :optional: whether it check value providing on initialize.
- :lazy

attribute options

- `:coerce`: convert rule when value is set.
- `:trigger`: when value is set, this proc called.
- `:include`, `:extend`: extend meta attribute class using module.
- `:desc`: document for attribute.
- `:handles`: define methods delegating it.

ClassX modules.

- ClassX::Attributes: defining attribute for module.
- ClassX::ClassAttributes: feature of class attributes.
- ClassX::Commandable: generate automatically optparse info from attribute info.

ClassX modules.

- ClassX::Declare: define ClassX based class with DSL.
- ClassX::Role::Logger: provide logger attribute.
- ClassX::Validate: like Params::Validate.

ClassX's Architecture.

